A M A T V I C T O R I A C U R A M

ARMASIGHT

PRODUCT GUIDE

2015

NIGHT VISION
THERMAL IMAGING
DIGITAL NIGHT VISION
LASER EMITTING SYSTEMS
DIRECT VIEW SYSTEMS

NEW 2015

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ABOUT THE COMPANY

Armasight

Armasight is a leading U.S.-based manufacturer of cutting-edge Night Vision and advanced Thermal Imaging Solutions, top-quality Direct View Binoculars, Illumination Tools and other precision optics characterized by outstanding performance and a wealth of innovative features.

We use state-of-the-art materials, manufacturing facilities, and modern designs. Armasight focuses on the continuous improvement, evaluation, and implementation of the latest electro-optical technological advancements.

Armasight is built on a dedicated commitment to our client's absolute satisfaction — we are determined to provide the absolute best customer service in the industry. Armasight is focused on encouraging our team members to thrive in a creative and supportive environment. Our duty is to provide customers with the best products at competitive prices while offering its employees and shareholders fair compensation and profits. We accomplish these goals by applying industry best business practices in full compliance with all applicable laws of the United States, as well as those of the final international destinations of our products.

Our Mission

Our mission is to develop the highest quality selection of top-performing, exceptionally reliable optical products that appeal to a wide range of customers and allows professional users to successfully accomplish missions. We offer unmatched customer service and timely delivery at affordable price-to-performance ratios that are fair to our customers and represent the interests of valued company stakeholders.

Experience

Armasight is a new, dynamic small business enterprise pursuing the goal of creating a meaningful presence in the Night Vision and electro-optical arena by supporting elite military units, law enforcement professionals, first responder agencies and commercial consumers worldwide. Our core staff has held a series of reputable positions with various companies in the Night Vision industry, including American Technologies Network, Insight Technology, Litton Electro-Optical Systems, and Nivisys Industries. Together, our seasoned team of professionals boasts over 140 years of experience in all aspects of the Night Vision and optics industry.

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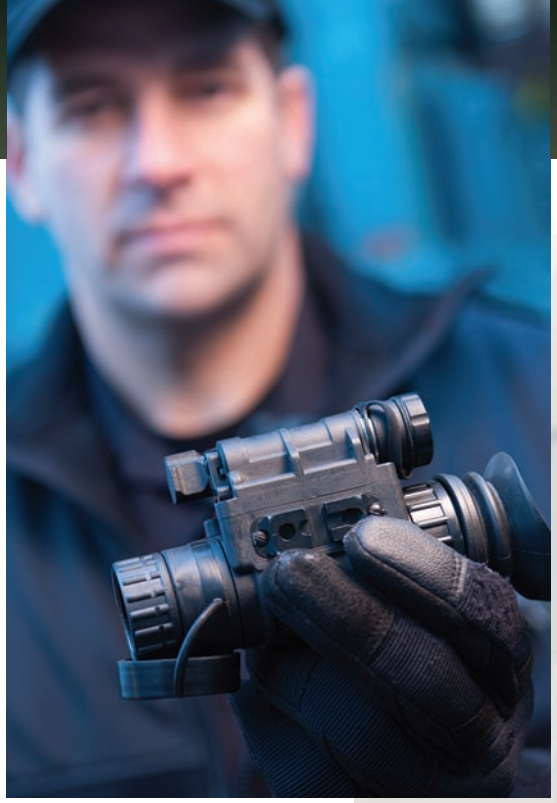


NIGHT VISION TECHNOLOGIES

Night Vision (I^2)

Most Starlight Image Intensified (I^2) Night Vision products are light-amplifying devices. Light amplification technology allows small amounts of light energy, such as that from moonlight or starlight, to be converted into electrical energy (electrons). These electrons multiply exponentially through electrical and chemical processes. They then bounce off of a phosphor screen, which converts the electrons back into photons, in order to display an impressive nighttime image even in total darkness.

In addition to traditional, Green Color Phosphor image intensifier tubes (IIT), we've recently introduced White Color Phosphor displays, which allow users to view black and white images instead of the traditional green and black.

In the Night Vision world, "generation" monikers reflect the level of technology used for a particular device. The higher the generation, the better performance you will get out of your Night Vision device – for example, Gen 2 devices are more advanced than Gen 1+. In 2013, a new level was introduced: "CORE" technology, which takes a strong position between traditional Gen 1 and Gen 2 devices.

Armasight offers equipment in all existing levels of starlight technology and in all possible configurations, including monoculars, binoculars, riflescopes, and clip-on systems.

Gen 1+ IIT

First generation devices work by amplifying existing light by several thousand times. Using an alternating photocathode/ anode conversion between light and electrons, the cascading approach utilizes progressively increased voltages to increase electron speed, allowing you to see clearly in the dark. These units provide bright, fully visible images at a low cost, which makes them a popular choice for boating, wildlife observation, and home security. These devices are available for international sales.

CORE IIT

Thanks to the latest advancements in electro optical manufacturing, Armasight redefines affordable, high performance Night Vision with CORE™ (Ceramic Optical Ruggedized Engine) Image Intensifier technology.

Unlike Gen 1 Image intensifier tubes that are made from glass and therefore fragile, CORE™ IITs are made just like Gen 2 and Gen 3: by fusing metal alloys with ceramic compounds. CORE™ technology is based on durable elements and allows tight component stacking, resulting in image tubes that are exceptionally shockproof and vibration-resistant. The robust packaging envelope lacks the easily breakable protrusions common in Gen 1 tubes, allowing for a streamlined design of lighter, more compact, and more reliable Night Vision devices.

The CORE™ platform offers best-in-class resolution with a 60-70 lp/mm increased photocathode sensitivity level, in upwards of 400μA/lm. This provides an image quality in prevalent ambient light conditions that rivals high-end Gen 2 image tubes.

Gen 2+ SD/SDi "Standard Definition" IIT

Second Generation tubes have a microchannel plate (MCP) electron amplifier, as well as a multi-alkaline photocathode with a built-in power supply. Typically, resolution ranges from 45 to 51 lp/mm, and the Signal-to-Noise Ratio ranges from 15 to 21.

*Armasight SDi tubes are designed to support international sales of Gen2+ equipment to various countries.

Gen 2+ ID/IDi "Improved Definition" IIT

Our Gen 2+ ID image intensifier tubes are engineered for significantly enhanced performance over current 2nd Generation IITs. The Gen 2+ ID IIT is a compact, Multi-Alkali, 18mm format, proximity-focused MCP-based image intensifier. Resolution ranges from 47 to 54 lp/mm, and the Signal-to-Noise Ratio typically ranges from 15 to 22.

*Armasight IDi tubes are designed to support international sales of Gen 2+ equipment to various countries.

Gen 2+ HD/HDi "High Definition" IIT

Our Gen 2+ HD tubes are an upgraded version of the Gen 2+ ID tube. Most HD specifications approximate a baseline similar to 3rd generation image intensifier tubes. The Gen 2+ HD tubes include a multi-alkali photocathode, a Resolution range of 55 to 72 lp/mm, and typically, a Signal-to-Noise Ratio of 15 to 23.

*Armasight HDi tubes are designed to support international sales of Gen 2+ equipment to various countries.

Gen 2+ QS/QSi "Quick Silver" White Phosphor IIT
Gen 2+ QS-HD/QSi-HD "Quick Silver–High Definition" White Phosphor IIT

Experienced professionals know that nighttime scenes appear much more natural when displayed in black and white, as opposed to the typical "night-vision green." Our unique "Quick Silver" Gen 2+ IITs are characterized by high-contrast, white phosphor screens that offer black and white displays, which provide clearer details, better contrast, and more distinct shapes and shadows. They include a multi-alkali photocathode, a Resolution range of 47-54 lp/mm (QS) or 55-72 lp/mm (QS-HD), and a Signal-to-Noise Ratio of 15 to 23.

*Armasight QSi tubes are designed to support international sales of Gen 3 equipment to various countries.

Gen 3 Bravo/3E IIT

Our Bravo 3rd Generation image intensifier tubes deliver high quality Night Vision images. Generation 3 is the standard for the United States military. They include a Gallium Arsenide (GaAs) photocathode, a Resolution range of 57 to 64 lp/mm, and a Signal-to-Noise Ratio of 16 to 30.

*Armasight 3E tubes are designed to support international sales of Gen 3 equipment to various countries.

Gen 3 "Ghost"/"Ghost E" White Phosphor IIT

Our unique Gen 3 "Ghost" White Phosphor IITs are characterized by high-contrast, white phosphor screens that offer black and white displays, which provide clearer details, better contrast, and more distinct shapes and shadows. They include a microchannel plate, GaAs photocathode, and a completely self-contained, high-voltage power supply. They have a Resolution range of 47 to 57 lp/mm, and a Signal-to-Noise Ratio of 16 to 30.

*Armasight Ghost E tubes are designed to support international sales of Gen 3 equipment to various countries.

Gen 3 Alpha/3N IIT

These IITs are handpicked to provide the highest quality available in our Gen 3 line. They include a microchannel plate, Thin Film GaAs photocathode, and a completely self-contained high-voltage power supply. They typically have a Resolution of 64 to 72 lp/mm and a Signal-to-Noise Ratio of 16 to 30.

*Armasight 3N tubes are designed to support international sales of Gen 3 equipment to NATO countries.

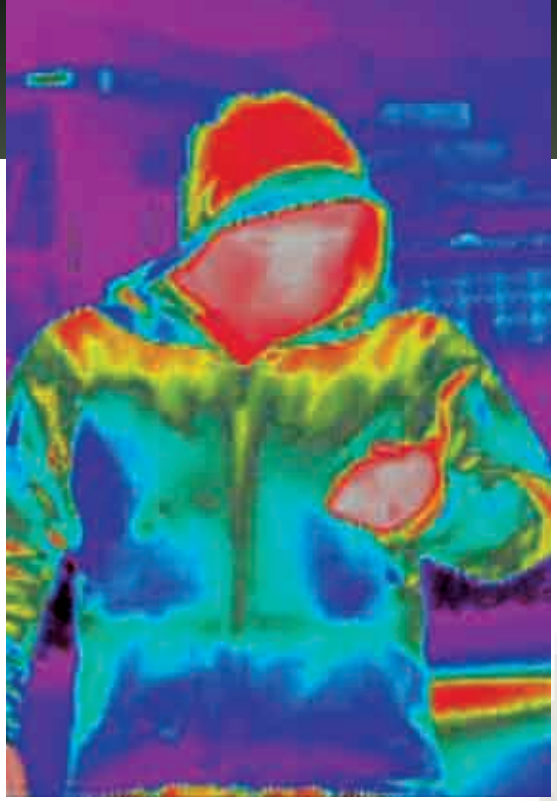
Gen 3P ITT Pinnacle™

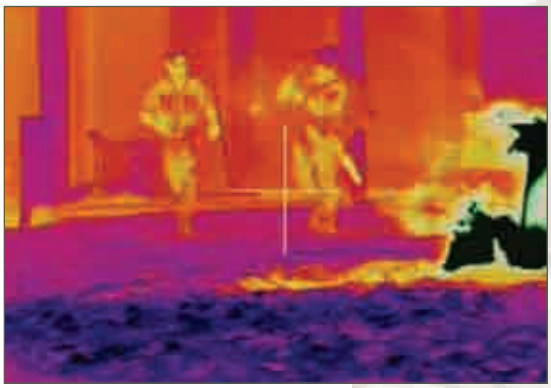
These Night Vision units are designed around the Gen 3P ITT Pinnacle* image intensifier tubes. These industry-leading tubes utilize a gated power supply that provides outstanding auto-gated performance. The Pinnacle tube minimizes the "halo" effect often associated with light interference caused by sources of bright light. They include Gallium Arsenide photocathodes, a Resolution range of 64 to 72 lp/mm, and a Signal-to-Noise Ratio of 16 to 30. *Units with Pinnacle tubes are **not** available for export.*

*Pinnacle is a registered trademark of ITT Night Vision.

FLAG Filmless Autogated IIT

Armasight's FLAG* (FilmLess AutoGated) image intensifier tubes (sometimes referred to as Gen 4 IITs) improve operational effectiveness for Night Vision users. The filmless microchannel plate provides a higher signal-to-noise ratio than standard Gen 3 IITs, resulting in better image quality in low-light conditions, and minimizing the "halo" effect often associated with light interference caused by streetlights and other sources of bright light. These units include Filmless GaAs photocathodes, an autogated power supply, a Resolution that ranges from 64 to 72 lp/mm, and a Signal-to-Noise Ratio of 16 to 30. *Units with FLAG tubes are **not** available for export.*





Thermal Imaging

Thermal imaging cameras, also known as infrared cameras, detect the heat given off by an object or person.

Everything we encounter gives off thermal energy. The hotter the object, the more thermal energy it emits. This emitted thermal energy is called a "heat signature." When objects have different heat signatures, they are displayed in different colors, which makes detecting warm-blooded animals (including people) against cooler surroundings quick and easy.

Thermal imaging cameras have lenses, just like visible light cameras. But in the case of thermal detection, the lenses focus waves from infrared energy onto an infrared sensor array. Thousands of sensors on the array convert the infrared energy into electrical signals, which create a video image. The infrared camera measures and displays a "thermal profile" of objects in relation to the temperature of any surrounding objects.

Thermal imaging technology also allows users to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants.

Armasight's latest Thermal Imaging product line represents the most sophisticated devices available on the market today for hunters, SWAT Teams, and the Military, based on their superior price-to-performance value.

Digital Night Vision

Digital Night Vision is a fairly new technology that was introduced to the market within the last decade. Similar to other passive Night Vision devices, Digital NV allows users to view images in near-total darkness. The two main benefits of Digital Night Vision include an ability to work during daytime or nighttime without risking damage to the device, as well as real-time High Resolution Recording Capabilities in standard North American NTSC video or European PAL video formats. However, recording capability is not available on all models.

In terms of performance, some higher-end Digital NV systems can be compared to Gen 2 NVD, while the majority of low-end systems can are comparable to Gen 1. Using powerful IR Illuminators, such as the Armasight IR810W, drastically increases performance and viewing distances in Digital Night Vision Devices.

Digital Night Vision technology is very different from conventional I2 Night Vision. The light enters the device through an objective lens, after which it is processed through a highly sensitive charged coupling device (CCD), and then sent to a Liquid Crystal Display (LCD), where the image is displayed.

Night Vision Devices for the US Market

Name	Digital	Gen 1+	CORE	Gen 2+ SD	Gen 2+ ID	Gen 2+ QS	Gen 2+ HD	Gen 2+ QS-HD	Gen 3 Bravo	Gen 3 Alpha	Gen 3 Ghost	Gen 3P	Gen 3 FLAG
MONOCULARS AND MULTI PURPOSE SYSTEMS													
Spark			+										
Avenger				ABC	ABC	ABC					ABC		
Avenger 10x				MGC	MGC		MGC	MGC	MGC	MGC	MGC	MGC	MGC
Sirius				MGC	MGC	MGC					MGC		
N-14				ABC	ABC		ABC	ABC	ABC	ABC	ABC	ABC	ABC
Nyx-14				MGC	MGC		MGC	MGC	MGC	MGC	MGC	MGC	MGC
PVS-14				MGC	MGC		MGC	MGC	MGC	MGC	MGC	MGC	MGC
Bit 10x	+												
GOGGLES													
Vega		+											
Ninox		+											
Spark-G			+										
Spark-X			+										
Nyx-7				ABC	ABC	ABC					ABC		
Nyx-7 PRO					ABC		ABC	ABC	ABC	ABC	ABC	ABC	
PVS-7				ABC	ABC		ABC	ABC	ABC	ABC	ABC	ABC	
N-15				ABC	ABC		ABC	ABC	ABC	ABC	ABC	ABC	ABC
BINOCULARS													
Dark Strider		+											
Spark-B			+										
Eagle				ABC	ABC	ABC					ABC		
Discovery				ABC	ABC	ABC	ABC	ABC	ABC	ABC	ABC		
Janus 10x	+												
WEAPON SIGHTS													
WWZ		+											
Orion		+											
Vampire			+										
Spear 4X				ABC	ABC								
Nemesis				ABC	ABC	ABC				ABC			
Vulcan				MGC	MGC		MGC	MGC	MGC	MGC	MGC	MGC	MGC
Drone PRO 10x	+												
DAY/NIGHT SYSTEMS													
CO-MR				MGC	MGC	MGC	ABC	ABC	ABC	ABC	ABC	ABC	
CO-X				MGC	MGC	MGC	ABC	ABC	ABC	ABC	ABC	ABC	
CO-Mini					MGC		MGC	MGC	MGC	MGC	MGC	MGC	MGC
CO-LR					MGC		MGC	MGC	MGC	MGC	MGC	MGC	MGC

ABC - Automatic Brightness Control
MGC - Manual Gain Control

Thermal Imaging Devices for the US Market

	Tau 2 Core 324x256 30Hz	Tau 2 Core 324x256 60Hz	Tau 2 Core 336x256 30Hz	Tau 2 Core 336x256 60Hz	Tau 2 Core 640x512 30Hz	Tau 2 Core 640x512 60Hz	QUARK Core 336x256 30Hz	QUARK Core 336x256 60Hz	QUARK Core 640x512 30Hz	QUARK Core 640x512 60Hz
MONOCULARS										
Prometheus			+	+	+	+				
Q14							+	+	+	+
BINOCULARS										
Helios			+	+	+	+				
Helios HD			+	+	+	+				
WEAPON SIGHTS										
Zeus			+	+	+	+				
Zeus-Pro			+	+	+	+				
DAY/NIGHT SYSTEMS										
Apollo	+	+			+	+				
Apollo-Pro LR					+	+				
Apollo-Pro MR			+	+	+	+				

Night Vision Devices for the International Market

Name	Digital	Gen 1+	CORE	Gen 2+ SDi*	Gen 2+ IDi*	Gen 2+ QSi*	Gen 2+ HDi*	Gen 2+ QSi-HD*	Gen 3 E*	Gen 3 Ghost E*	Gen 3N**
MONOCULARS AND MULTI PURPOSE SYSTEMS											
Spark			+								
Avenger				ABC	ABC	ABC				ABC	
Avenger 10x				MGC	MGC		MGC	MGC	MGC	MGC	MGC
Sirius				MGC	MGC	MGC				MGC	
N-14				ABC	ABC		ABC	ABC	ABC	ABC	ABC
Nyx-14				MGC	MGC		MGC	MGC	MGC	MGC	MGC
Nyx-14 PRO				ABC	ABC		ABC	ABC	ABC	ABC	ABC
PVS-14									MGC	MGC	MGC
Bit 10x	+										
GOGGLES											
Vega		+									
Ninox		+									
Spark-G			+								
Spark-X			+								
Nyx-7				ABC	ABC	ABC				ABC	
Nyx-7 PRO					ABC		ABC	ABC	ABC	ABC	ABC
PVS-7									ABC	ABC	ABC
N-15				ABC	ABC		ABC	ABC	ABC	ABC	ABC
BINOCULARS											
Dark Strider		+									
Spark-B			+								
Eagle				ABC	ABC	ABC				ABC	
Discovery				ABC	ABC	ABC	ABC	ABC	ABC	ABC	ABC
Janus 10x	+										
WEAPON SIGHTS											
WWZ		+									
Orion		+									
Vampire			+								
Spear 4X				ABC	ABC						
Nemesis				ABC	ABC	ABC				ABC	
Vulcan				MGC	MGC		MGC	MGC	MGC	MGC	MGC
Drone PRO 10x	+										
DAY/NIGHT SYSTEMS											
CO-MR				MGC	MGC	MGC	MGC	MGC	MGC	MGC	MGC
CO-X				MGC	MGC	MGC	MGC	MGC	MGC	MGC	MGC
CO-Mini					MGC		MGC	MGC	MGC	MGC	MGC
CO-LR					MGC		MGC	MGC	MGC	MGC	MGC

ABC - Automatic Brightness Control
MGC - Manual Gain Control

* State Department export license is required.
** For NATO countries only. State Department export license is required.

Thermal Imaging Devices for the International Market

	Tau 2 Core 324x256 9Hz	Tau 2 Core* 324x256 30Hz	Tau 2 Core 336x256 9Hz	Tau 2 Core* 336x256 30Hz	Tau 2 Core 640x512 9Hz	Tau 2 Core* 640x512 30Hz	QUARK Core 336x256 9Hz	QUARK Core* 336x256 30Hz	QUARK Core 640x512 9Hz	QUARK Core* 640x512 30Hz
MONOCULARS										
Prometheus			+	+	+	+				
Prometheus Mini							+		+	
Q14								+		+
BINOCULARS										
Helios			+	+	+	+				
Helios HD			+	+	+	+				
WEAPON SIGHTS										
Zeus				+		+				
Zeus-Pro				+		+				
DAY/NIGHT SYSTEMS										
Apollo	+	+			+	+				
Apollo-Pro LR						+				
Apollo-Pro MR				+		+				

* State Department export license is required.

NIGHT VISION

SPARK

Multi-Purpose Night Vision Monocular

For years, development and improvement of consumer-oriented, single-stage Gen 1 technology has remained stagnant – until now! Traditional Gen 1 tubes are made of glass, which makes them fragile, easily damaged, and with relatively low resolution characterized by image edge distortion.

Armasight is proud to introduce its exclusive, revolutionary new approach to Night Vision: CORE (Ceramic Optical Ruggedized Engine) image intensifier tubes. While CORE does not contain a microchannel plate (and so by definition lands in the Gen 1 category), that is where the parallels end. Instead of glass, CORE tubes use a specially formulated ceramic compound fused with metal alloys, similar to those used in production of Gen 2 and Gen 3 image intensifier tubes. Further advances in CORE technology have removed almost all edge distortion, dramatically increased photocathode sensitivity, and most importantly, nearly doubled resolution up to 70 lp/mm.

The Armasight Spark is the perfect partner for this new hybrid tube-type – a rugged, lightweight, multi-purpose Night Vision monocular. With optional accessories, it can be hand-held or mounted to headgear. With a day scope adapter, it can convert your existing day scope into a Night Vision device at a cost-effective price. With an optional 3X a-focal lens and IR illuminator, the Spark can serve as a medium-range, ultra-high resolution spotting scope, and with the optional camcorder/ camera adapter, it can even take video or still photography in near-to-total darkness.

The Armasight Spark is the ideal Night Vision unit for the outdoorsman or first responder who demands higher resolution, better image clarity, and greater durability than any standard Gen 1 unit can offer.

- **Compact, rugged design**
- **Weapon-mountable**
- **Head or helmet-mountable for hands-free usage**
- **Ergonomic, simple, easy to operate controls**
- **Utilizes single CR123A lithium battery**
- **Adaptable for use with cameras**
- **Built-in Infrared illuminator**
- **Limited Two-Year Warranty**

Magnification	1X
Lens system	35mm; F/1.7
Field of view (°)	30
Dimensions (mm/in)	159 x 49 x 82 / 6.3 x 1.9 x 3.2
Weight (kg/lbs)	0.37 / 0.8

Part NO.	Name
	PRODUCT FOR US AND INTERNATIONAL MARKETS
NSMSPARK01CCIC1	**Spark** – "CORE" IIT 60-70 lp/mm
	ACCESSORIES*
ANHG000001	Goggle Kit #1
ANHM000002	Helmet Mount #3 (MICH/PASGT)
ANHM000007	MICH Helmet Mount Assembly USA #107 with Adapter/Swing Arm #37
ANHM000008	PASGT Helmet Mount Assembly USA #108 with Adapter/Swing Arm #37
ANAF3X0023	3x A-Focal Lens Kit: Lens #22 with Adapter #23
ANAF5X0023	5x A-Focal Lens with Adapter #23
ANAMRF0003	ARFS3 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARFS5 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANAM000002	Scope Adapter Mount #5
ANAM000004	QRM - Quick-Release Weapon Mount #26/#142
ANAM000016	Camera Adapter #47
ANKI000032	AIM PRO – Advanced Integrated Mount Pro
ANKIXLR017	XLR-IR850 X Long-Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANKIW00017	IR850W Wide Angle Adjustable X Long-Range IR Illuminator w/ Transfer Piece #21
ANAM000006	Universal Camera Adapter #45
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

** See more accessories at www.armasight.com*

NEW 2015

AVENGER

Night Vision Monocular

The Armasight Avenger is a high-tech, tough, and durable Night Vision monocular that delivers great performance at the lowest possible cost. Packed with high-tech features, the Avenger is a unit that is equally at home with the hunter as it is with the professional security officer or law enforcement professional. The Armasight Avenger can be mounted in front of a camcorder or camera for night photography, or it can be affixed to a rifle with a variety of different mounts.

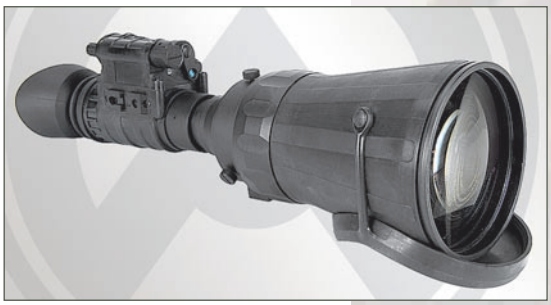
The Armasight Avenger is a Night Vision workhorse that will exceed the performance requirements of the most demanding professionals or casual Night Vision users.

- **3X magnification**
- **Automatic brightness control**
- **Bright light cut-off**
- **Utilizes single CR123A lithium battery or AA Alkaline, Adapter included**
- **Adaptable for use with cameras**
- **Weapon mountable**
- **Built-in Infrared illuminator and flood lens**
- **Water and fog-resistant**
- **Limited Two-Year Warranty**

Magnification	3X
Lens system	80mm; F/1.65
Field of view (°)	12.6
Dimensions (mm/in)	202 x 56 x 84 / 7.9 x 2.2 x 3.3
Weight (kg/lbs)	0.67 / 1.5

Part NO.	Name
	PRODUCTS FOR US MARKET
NSMAVENGE32GDS1	**Avenger SD** – Gen 2+ "Standard Definition" 45-51 lp/mm
NSMAVENGE32GDI1	**Avenger ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
NSMAVENGE3QGDI1	**Avenger QS** – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
NSMAVENGE3GGDA1	**Avenger Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
	PRODUCTS FOR INTERNATIONAL MARKET*
NSMAVENGE32GIS1	**Avenger SDi** – Gen 2+ "Standard Definition"
NSMAVENGE32GII1	**Avenger IDi** – Gen 2+ "Improved Definition"
NSMAVENGE3QGII1	**Avenger QSi** – Gen 2+ "Quick Silver" White Phosphor
NSMAVENGE3GGEA1	**Avenger Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
	ACCESSORIES
ANAM000004	QRM - Quick-Release Weapon Mount #26/#142
ANKI000049	AIM PRO-L - Advanced Integrated Mount Pro Long
ANAM000016	Camera Adapter #47
ANAM000006	Universal Camera Adapter #45
ANKIXLR017	XLR-IR850 X Long-Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANKIW00017	IR850W Wide Angle Adjustable X Long-Range IR Illuminator w/ Transfer Piece #21
ANAM000045	Extended Rail Adapter #85
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

** State Department export license is required. Please check export regulations on Page 67.*



NEW 2015

AVENGER 10X

Night Vision Monocular

The Armasight Avenger 10x is the new standard by which all long-range NV monoculars will be judged in the future. The Avenger 10x uses optics equal to or better than current Military issue Night Vision units, and that are built into a tough and ergonomic composite housing. The Avenger offers 10x optical magnification, and is a perfect unit for long-range nighttime observation. Armasight designed and built this unit to surpass MIL-SPEC-810 specifications; as a result, the Armasight Avenger 10x can withstand saltwater, rain, high humidity and temperature extremes, and still provide unsurpassed levels of performance.

The Avenger 10x is equipped with manual variable gain control so that the user can select the image brightness level, in order to properly adjust for ambient light levels in the environment. The Avenger 10x comes included with high-powered IR illuminator for long-range use. The Armasight Avenger 10x can be equipped with high-performance Gen 2+ and Gen 3 IITs including Green phosphor or Armasight's "Quick Silver" and "Ghost" IITs, which provide users with natural B&W Night Vision displays. The Armasight Avenger 10x is a high-standard Night Vision device that will meet the requirements of the most demanding law enforcement officer, military professional, or casual civilian user.

- **Powerful 10x magnification**
- **Rugged design**
- **XLR-IR850 Detachable X Long-Range IR Illuminator included**
- **Manual variable gain control**
- **Ergonomic, simple, easy to operate controls**
- **Utilizes single CR123A lithium or AA battery**
- **Adaptable for use with cameras**
- **Standard tripod adaptable**
- **Limited Two-Year Warranty**

Magnification	10X
Lens system	192mm; F/2.13
Field of view (°)	5.2
Dimensions (mm/in)	288 x 100 x 100 / 11.3 x 3.9 x 3.9
Weight (kg/lbs)	1.33 / 2.9

Part NO.	Name
	PRODUCTS FOR US MARKET
NSMAVENGE029DS1	**Avenger 10x SD MG** – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NSMAVENGE029DI1	**Avenger 10x ID MG** – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSMAVENGE029DH1	**Avenger 10x HD MG** – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NSMAVENGE0Q9DH1	**Avenger 10x QS-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm, Manual Gain
NSMAVENGE039DB1	**Avenger 10x 3 Bravo MG** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NSMAVENGE039DA1	**Avenger 10x 3 Alpha MG** – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NSMAVENGE0P9DA1	**Avenger 10x 3P MG** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NSMAVENGE0G9DA1	**Avenger 10x Ghost MG** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NSMAVENGE0F9DA1	**Avenger 10x FLAG MG** – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm, Manual Gain
	PRODUCTS FOR INTERNATIONAL MARKET*
NSMAVENGE029IS1	**Avenger 10x SDi MG** – Gen 2+ "Standard Definition", Manual Gain
NSMAVENGE029II1	**Avenger 10x IDi MG** – Gen 2+ "Improved Definition", Manual Gain
NSMAVENGE029IH1	**Avenger 10x HDi MG** – Gen 2+ "High Definition", Manual Gain
NSMAVENGE0Q9IH1	**Avenger 10x QSi-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor, Manual Gain
NSMAVENGE0G9EA1	**Avenger 10x Ghost E MG** – Gen 3 "Ghost" White Phosphor FOM 1400, Manual Gain
NSMAVENGE039EA1	**Avenger 10x 3E MG** – Gen 3 High Performance FOM 1400, Manual Gain
NSMAVENGE039NA1	**Avenger 10x 3N MG** – Gen 3 High Performance FOM 1600, Manual Gain
	ACCESSORIES
ANAMTM0003	Tripod with a Grip
ANHC000004	Hard Shipping/ Storage Case #102 (F200)

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SIRIUS

Multi-Purpose Night Vision Monocular

The Armasight Sirius is a high-tech, tough, and durable multi-use Night Vision monocular that delivers great performance at a reasonable cost. Packed with high-tech features, the Sirius is a unit that is equally as appropriate for the hunter as it is for the professional security officer or law enforcement professional. Mission configurable, the Sirius can be hand-held or mounted to a helmet or headgear. It can also be mounted onto a rifle, or used for night photography. Optional lenses can turn it into a long-range night viewing device in seconds.

Despite the low cost, the Sirius features manual brightness control, bright light shut-off circuitry, and a built-in spot/flood IR illuminator. The Armasight Sirius can be equipped with high-performance Gen 2+ and Gen 3 IITs, including Green phosphor or Armasight's "Quick Silver" and "Ghost" IITs, which provide users with natural B&W Night Vision displays.

- **Compact, rugged design**
- **Weapon-mountable**
- **Head or helmet-mountable for hands-free usage**
- **Auto-brightness control**
- **Bright light cut-off**
- **Utilizes single CR123A lithium battery or AA Alkaline, adapter included**
- **Adaptable for use with cameras**
- **Built-in Infrared illuminator and flood lens**
- **Limited Two-Year Warranty**

Magnification	1X
Lens system	24mm; F/1.2
Field of view (°)	40
Dimensions (mm/in)	157 x 60 x 75 / 6.2 x 2.4 x 2.9
Weight (kg/lbs)	0.46 / 1.0

Part NO.	Name
	PRODUCTS FOR US MARKET
NSMSIRIUS12MDS1	**Sirius SD MG** – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NSMSIRIUS12MDI1	**Sirius ID MG** – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSMSIRIUS1QMDI1	**Sirius QS MG** – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm, Manual Gain
NSMSIRIUS1GMDA1	**Sirius Ghost MG** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
	PRODUCTS FOR INTERNATIONAL MARKET*
NSMSIRIUS12MIS1	**Sirius SDi MG** – Gen 2+ "Standard Definition", Manual Gain
NSMSIRIUS12MII1	**Sirius IDi MG** – Gen 2+ "Improved Definition", Manual Gain
NSMSIRIUS1QMII1	**Sirius QSi MG** – 2+ "Quick Silver" White Phosphor, Manual Gain
NSMSIRIUS1GMEA1	**Sirius Ghost E MG** – Gen 3 "Ghost" White Phosphor FOM 1400, Manual Gain
	ACCESSORIES**
ANHG000004	Goggle Kit #2
ANHGWX0G70	Tactical Goggle Kit: Wilcox L4 G24 and 3 Hole Shroud, Crye Precision Nightcap, and Swing Arm #172
ANHM000001	Helmet Mount #4
ANHM000007	MICH Helmet Mount Assembly USA #107 with Adapter/Swing Arm #37
ANHM000008	PASGT Helmet Mount Assembly USA #108 with Adapter/Swing Arm #37
ANAF3X0023	3x A-Focal Lens Kit: Lens #22 with Adapter #23
ANAF5X0023	5x A-Focal Lens with Adapter #23
ANLE4X0001	4x Lens for Sirius
ANLE6X0001	6x Lens for Sirius
ANLE8X0001	8x Lens #162 with adapter for Sirius
ANAMRF0003	ARFS3 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARFS5 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANAMRF0004	ARFS4 - Advanced Range Finding Stadia for 4x Lens
ANAM000004	QRM - Quick-Release Weapon Mount #26/#142
ANKI000032	AIM PRO – Advanced Integrated Mount Pro
ANKIXLR017	XLR-IR850 X Long-Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler

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*** See more accessories at www.armasight.com*

NYX-14
NYX-14 PRO
N-14

Multi-Purpose Night Vision Monoculars

NYX-14

NYX-14 PRO

N-14

The Armasight Nyx-14 is the new standard by which all compact multi-use monoculars will be judged in the future. The Nyx-14 uses optics that are equal to or better than current Military issue Night Vision units, built into a tough, compact, and ergonomic composite housing. Armasight designed and built this unit to surpass MIL-SPEC-810 specifications – as a result, the Armasight Nyx-14 can withstand saltwater, rain, high humidity, and temperature extremes, and still provide unsurpassed levels of performance.

The Nyx-14 mini-monocular is equipped with manual variable gain control so that the user can select the image brightness level, in order to properly adjust for ambient light levels in the environment. The Armasight Nyx-14 is available with an array of accessories such as 3X, 5X, and 8X magnification lenses for mid-to-long range viewing; head or helmet mounts to allow the unit to be worn as a mono-goggle; various weapon mounts for tactical or hunting applications; and additional, high-powered IR illuminators for long-range use. The Armasight NYX-14 can be equipped with high-performance Gen 2+ and Gen 3 IITs including Green phosphor or Armasight's "Quick Silver" and "Ghost" IITs, which provide users with natural B&W Night Vision displays. The Armasight NYX-14 is a high-standard Night Vision device that will meet the requirements of the most demanding law enforcement officer, military professional, or casual civilian user.

The Nyx-14 PRO has a built-in IR Illuminator and Class 1 covert IR laser pointer with a push-button control. The built-in IR Laser Pointer allows users to communicate targets to other team members easily and conveniently. The Armasight Nyx-14 PRO is available with an array of accessories for tactical or hunting applications. The Nyx-14 PRO can be used as a handheld, mounted to headgear, helmet-mounted or weapon-mounted device to allow for increased mobility, firing capabilities, short-range surveillance, map reading, vehicle maintenance, and First-Aid administration.

The Armasight N-14 Night Vision monocular is equipped with the same features as the Nyx-14, with the exception of manual gain control.

- **Compact, rugged design**
- **Waterproof**
- **Weapon-mountable**
- **Head or helmet-mountable for hands-free usage**
- **Manual variable gain control (Nyx-14)**
- **Auto-brightness control**
- **Bright light cut-off**
- **Ergonomic, simple, easy to operate controls**
- **Utilizes single CR123A lithium or AA battery**
- **Adaptable for use with cameras**
- **Built-in Infrared illuminator and flood lens**
- **Limited Two-Year Warranty**

Model	Nyx-14	Nyx-14 PRO	N-14
Magnification	1X	1X	1X
Lens system	27mm; F/1.2	27mm; F/1.2	27mm; F/1.2
Field of view (°)	40	40	40
Dimensions (mm/in)	140 x 49 x 69 / 5.5 x 1.9 x 2.7	140 x 49 x 69 / 5.5 x 1.9 x 2.7	140 x 49 x 69 / 5.5 x 1.9 x 2.7
Weight (kg/lbs)	0.4 / 0.88	0.4 / 0.88	0.34 / 0.75

Part NO.	Name
	PRODUCTS FOR US MARKET
NSMNYX140129DS1	**Nyx-14 SD MG** – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NSMNYX140129DI1	**Nyx-14 ID MG** – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSMNYX140129DH1	**Nyx-14 HD MG** – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NSMNYX1401Q9DH1	**Nyx-14 QS-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm, Manual Gain
NSMNYX140139DB1	**Nyx-14 3 Bravo MG** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NSMNYX140139DA1	**Nyx-14 3 Alpha MG** – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NSMNYX1401P9DA1	**Nyx-14 3P MG** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NSMNYX1401G9DA1	**Nyx-14 Ghost MG** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NSMNYX1401F9DA1	**Nyx-14 FLAG MG** – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm, Manual Gain
NSMN14000126DS1	**N-14 SD** – Gen 2+ "Standard Definition" 45-51 lp/mm
NSMN14000126DI1	**N-14 ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
NSMN14000126DH1	**N-14 HD** – Gen 2+ "High Definition" 55-72 lp/mm
NSMN140001Q6DH1	**N-14 QS-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm
NSMN14000136DB1	**N-14 3 Bravo** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSMN14000136DA1	**N-14 3 Alpha** – Gen 3 High Performance 64-72 lp/mm
NSMN140001P6DA1	**N-14 3P** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
NSMN140001G6DA1	**N-14 Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
NSMN140001F6DA1	**N-14 FLAG** – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm
	PRODUCTS FOR INTERNATIONAL MARKET*
NSMNYX140129IS1	**Nyx-14 SDi MG** – Gen 2+ "Standard Definition", Manual Gain
NSMNYX140129II1	**Nyx-14 IDi MG** – Gen 2+ "Improved Definition", Manual Gain
NSMNYX140129IH1	**Nyx-14 HDi MG** – Gen 2+ "High Definition", Manual Gain
NSMNYX1401Q9IH1	**Nyx-14 QSi-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor, Manual Gain
NSMNYX1401G9EA1	**Nyx-14 Ghost E MG** – Gen 3 "Ghost" White Phosphor FOM 1400, Manual Gain
NSMNYX140139EA1	**Nyx-14 3E MG** – Gen 3 High Performance FOM 1400, Manual Gain
NSMNYX140139NA1	**Nyx-14 3N MG** – Gen 3 High Performance FOM 1600, Manual Gain
NSMNYX14P126IS1	**Nyx-14 PRO SDi** – 2+ "Standard Definition"
NSMNYX14P126II1	**Nyx-14 PRO IDi** – Gen 2+ "Improved Definition"
NSMNYX14P126IH1	**Nyx-14 PRO QSi-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor
NSMNYX14P1Q6IH1	**Nyx-14 PRO HDi** – Gen 2+ "High Definition"
NSMNYX14P1G6EA1	**Nyx-14 PRO Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
NSMNYX14P136EA1	**Nyx-14 PRO 3E** – Gen 3 High Performance FOM 1400
NSMNYX14P136NA1	**Nyx-14 PRO 3N** – Gen 3 High Performance FOM 1600
NSMN14000126IS1	**N-14 SDi** – 2+ "Standard Definition"
NSMN14000126II1	**N-14 IDi** – Gen 2+ "Improved Definition"
NSMN14000126IH1	**N-14 HDi** – Gen 2+ "High Definition"
NSMN140001Q6IH1	**N-14 QSi-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor
NSMN140001G6EA1	**N-14 Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
NSMN14000136EA1	**N-14 3E** – Gen 3 High Performance FOM 1400
NSMN14000136NA1	**N-14 3N** – Gen 3 High Performance FOM 1600
	ACCESSORIES SEE ON PAGE 16

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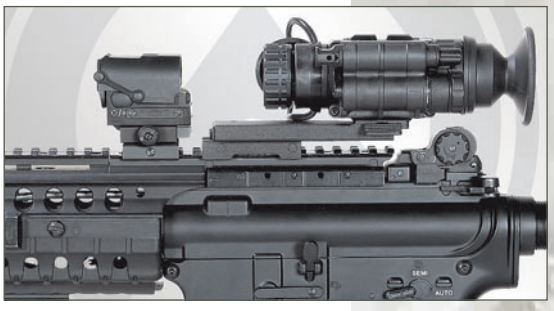

Accessories for NYX-14, NYX-14 PRO, N-14

Part NO.	Name
ANHG000004	Goggle Kit #2
ANHGWX0G70	Tactical Goggle Kit: Wilcox L4 G24 and 3 Hole Shroud, Crye Precision Nightcap, and Swing Arm #172
ANHM000001	Helmet Mount #4 (MICH/PASGT)
ANHM000007	MICH Helmet Mount Assembly USA #107 with Adapter/Swing Arm #37
ANHM000008	PASGT Helmet Mount Assembly USA #108 with Adapter/Swing Arm #37
ANHG000002	Swing Arm #37 Mini Rail Adapter to Bayonet Mount
ANHM000172	Swing Arm #172 Mini Rail to Dovetail Adapter
ANAF3X0002	3x A-Focal Lens
ANAF5X0002	5x A-Focal Lens
ANLE4X0002	4x Lens #12
ANLE6X0161	6x Lens
ANLE8X0162	8x Lens #162
ANAMRF0003	ARFS3 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARFS5 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANAMRF0004	ARFS4 - Advanced Range Finding Stadia for 4x Lens
ANEC000001	Shutter Eyeguard #82
ANAM000004	QRM - Quick-Release Weapon Mount #26/#142
ANAM000002	Scope Adapter Mount #5
ANCA000001	Time Tracker System #83
ANKI000032	AIM PRO - Advanced Integrated Mount Pro
ANKI000049	AIM PRO-L - Advanced Integrated Mount Pro Long
ANAM000045	Extended Rail Adapter #85
ANLC000001	Demist Shield #34
ANLC000002	Sacrificial Window #30
ANAM000029	Camera Adapter #46
ANAM000006	Universal Camera Adapter #45
ANRA000001	Dovetail#21
ANKIXLR017	XLR-IR850 X Long-Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANKIW00017	IR850W Wide Angle Adjustable X Long-Range IR Illuminator w/ Transfer Piece #21
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

PVS-14

Multi-Purpose Night Vision Monocular

The United States Military commissioned the AN/PVS-14 multi-purpose Night Vision monocular in the late '90s. Today, there are more AN/PVS-14 units currently deployed in NATO Armies than any other Night Vision device. The AN/PVS-14 was the first real multi-use monocular, allowing it to fulfill a huge variety of Military needs. It is also one of the most popular Night Vision units for law enforcement professionals.

The Armasight PVS-14 uses the same framework, and its battle-proven design is lightweight and tough with superb optics. The PVS-14 is compatible with a host of accessories, allowing it to be hand-held, mounted to a helmet, headgear, weapon, or camera. Designed for the most demanding nighttime Military or law enforcement operations, it is one of the best systems available. The Armasight PVS-14 can be equipped with high-performance Gen 2+ and Gen 3 IITs, including Green phosphor or Armasight's "Quick Silver" and "Ghost" IITs, which provide users with natural B&W Night Vision displays.

- **Compact, rugged design**
- **Waterproof**
- **Head or helmet-mountable for hands-free usage**
- **Ergonomic, simple, easy to operate controls**
- **Built-in Infrared illuminator**
- **Limited Two-Year Warranty**

Magnification	1X
Lens system	27mm; F/1.2
Field of view (°)	40
Dimensions (mm/in)	114 x 51 x 57 / 4.5 x 2.0 x 2.2
Weight (kg/oz)	0.35 / 12.4

Part NO.	Name
	PRODUCTS FOR US MARKET
NAMPVS140129DS1	**PVS-14 SD** – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NAMPVS140129DI1	**PVS-14 ID** – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NAMPVS140129DH1	**PVS-14 HD** – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NAMPVS1401Q9DH1	**PVS-14 QS-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm, Manual Gain
NAMPVS140139DB1	**PVS-14 3 Bravo** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NAMPVS140139DA1	**PVS-14 3 Alpha** – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NAMPVS1401P9DA1	**PVS-14 3P** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NAMPVS1401G9DA1	**PVS-14 Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NAMPVS1401F9DA1	**PVS-14 FLAG** – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm, Manual Gain
	PRODUCTS FOR INTERNATIONAL MARKET*
NAMPVS1401G9EA1	**PVS-14 Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
NAMPVS140139EA1	**PVS-14 3E** – Gen 3 High Performance FOM 1400
NAMPVS140139NA1	**PVS-14 3N** – Gen 3 High Performance FOM 1600
	ACCESSORIES**
ANHM000005	MICH Helmet Mount Assembly USA #107
ANHM000006	PASGT Helmet Mount Assembly USA #108
ANAF3X0003	3x A-Focal Mil-Spec Lens #99
ANAF5X0001	5x A-Focal Mil-Spec Lens #100
ANAF3X000P	3x A-Focal Lens #22 with Adapter #24/#25
ANAF5X000P	5x A-Focal Lens with Adapter #24/#25
ANAMRF0003	ARFS3 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARFS5 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANAM000007	PVS-14 Weapons Mount #109
ANKIXLR118	XLR-IR850 X Long-Range IR Illuminator w/ Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANKI000P32	AIM-PRO Kit: AIM-PRO with Adapter Ring #62

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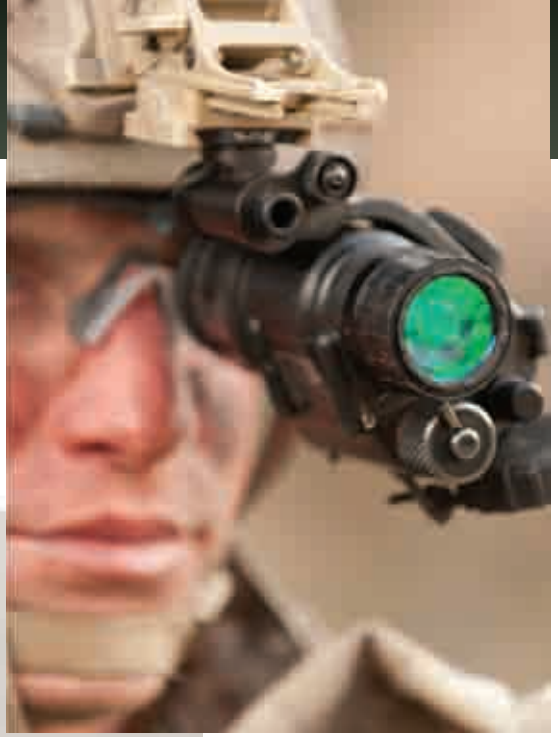
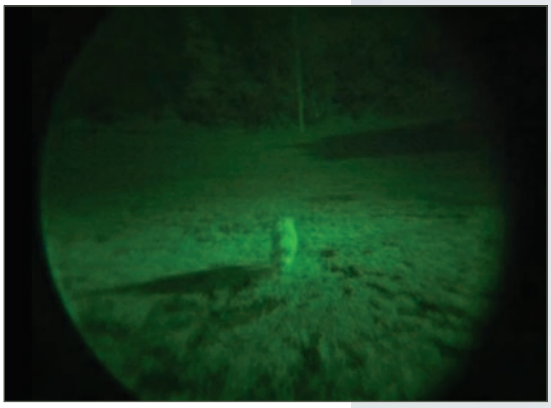
*** See more accessories at www.armasight.com*





VEGA NINOX

Night Vision Goggles

If low-cost, high quality, head-mounted Night Vision goggles are what you need, the Armasight Vega or Ninox units are the best choices for you! The Generation 1 Vega and Ninox come complete with headgear, which allows the unit to be mounted for hands-free operation. It is the perfect, inexpensive, hands-free option for nighttime air soft games, paintball, hunting, or security - Armasight Night Vision goggles will give you the edge! An integrated, short-range IR illuminator allows the unit to work well even in complete darkness, and an optional long-range infrared illuminator will dramatically boost the viewing range when you need it most. The Armasight Vega and Ninox feature all-glass optics, easy to operate controls, and rugged, reinforced composite housing.

The Armasight Vega Night Vision monocular utilizes high-performance image intensifier tubes to provide clear and crisp images even in the darkest conditions. The Armasight Ninox utilizes two image intensifier tubes. This dual tube design provides increased depth perception and outstanding clarity.

- **Compact and lightweight**
- **Designed for hands-free operations**
- **High-resolution Gen 1+ image intensifier tube**
- **Built-in flood infrared illuminator**
- **Fully adjustable headgear for ultimate comfort**
- **Flip-up headgear**
- **Can be used in conjunction with long-range IR illuminator**
- **Water and fog-resistant**
- **Limited Two-Year Warranty**

Model	Vega	Ninox
Magnification	1X	1X
Lens system	35mm F/1.7	35mm F/1.7
Field of view (°)	35	35
Dimensions (mm/in)	147 x 82 x 46 / 5.8 x 3.2 x 1.8	189 x 140 x 63 / 7.4 x 5.5 x 2.5
Weight (kg/lbs)	0.25 / 0.54	0.65 / 1.4

Part NO.	Name
	PRODUCT FOR US AND INTERNATIONAL MARKETS
NKGVEGA00111I11	**Vega** – Gen 1+
NKGNINOX0111I11	**Ninox** – Gen 1+
	ACCESSORIES
ANKIXLR017	XLR-IR850 X Long-Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANKIW00016	IR810W Wide Angle Adjustable X Long-Range IR Illuminator w/ Transfer Piece #21

SPARK-G
SPARK-X
Night Vision Goggles

Armasight Spark-G Night Vision goggle and Spark-X dual tube Night Vision goggle systems built around CORE (Ceramic Optical Ruggedized Engine) image intensifier tubes. Unlike Gen 1 Image intensifier tubes, which are fragile because they are made from glass, CORE™ IITs are made just like Gen 2 and Gen 3: by fusing metal alloys with ceramic compounds. CORE™ technology is based on durable elements and allows tight component stacking, resulting in image tubes that are exceptionally shockproof and vibration-resistant. Robust packaging protects easy-to-break protrusions common in Gen 1 tubes, and allows for a streamlined design that is lighter, more compact, and more reliable than average Night Vision devices.

The CORE™ platform offers 'best in class' resolution with 60-70 lp/mm and an increased photocathode sensitivity level of upwards of 400µA/lm, providing high image quality even in difficult ambient light conditions, rivaling high-end Gen 2 image tubes.

The Armasight Spark-G is a rugged and lightweight Night Vision monocular. The Armasight Spark-X utilizes two CORE image intensifier tubes. This dual tube design provides increased depth perception and outstanding clarity. The Armasight Spark-G and Spark-X both come complete with headgear, which allows the unit to be mounted for hands-free operation.

- **Compact, rugged design**
- **Weapon-mountable**
- **Head or helmet-mountable for hands-free usage**
- **Ergonomic, simple, easy to operate controls**
- **Utilizes single CR123A lithium battery**
- **Adaptable for use with cameras**
- **Built-in Infrared illuminator**
- **Limited Two-Year Warranty**

Model	Spark G	Spark X
Magnification	1X	1X
Lens system	35mm; F/1.7	35mm; F/1.7
Field of view (°)	30	30
Dimensions (mm/in)	159 x 49 x 82 / 6.3 x 1.9 x 3.2	161 x 142 x 63 / 6.3 x 5.6 x 2.5
Weight (kg/lbs)	0.37 / 0.82	0.75 / 1.65

Part NO.	Name
	PRODUCTS FOR US AND INTERNATIONAL MARKETS
NSGSPARK01CCIC1	**Spark-G** – "CORE" IIT, 60-70 lp/mm
NSGSPARKX1CCIC1	**Spark-X** – "CORE" IIT, 60-70 lp/mm
	ACCESSORIES
ANHM000002	Helmet Mount #3
ANKIXLR017	XLR-IR850 X Long-Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger

NYX-7

Night Vision Goggle

The Armasight Nyx-7 is a bi-ocular Night Vision goggle system built around high-grade Gen 2+ or Gen 3 image intensifier tubes. They are an exceptional choice for hands-free use. Built with high-grade optics and simple, reliable electronics, the Nyx-7 provides bright and clear Night Vision images, even in the most trying conditions. This unit includes a built-in IR light source for reading maps or basic, short-range illumination in complete darkness.

The Armasight Nyx-7 is available with a variety of accessories such as 3X, 5X and 8X magnification lenses for mid-to-long-range viewing, head or helmet mounts for hands-free operation, and additional, high-powered IR illuminators for long-range use.

Water-resistant, rugged, light, and compact, the Nyx-7 is the perfect hands-free unit for a variety of tough operations.

- **Lightweight, compact rugged Night Vision goggle system**
- **Multi-purpose: hand-held, can be mounted to headgear or helmet**
- **Comfortable, flip-up headgear**
- **Multi-coated all-glass optics**
- **Auto-brightness control**
- **Utilizes single CR123A lithium battery or AA Alkaline, adapter included**
- **Water and fog-resistant**
- **Limited Two-Year Warranty**

Magnification	1X
Lens system	24mm; F/1.2
Field of view (°)	40
Dimensions (mm/in)	150 x 102 x 70 / 5.9 x 4.0 x 2.7
Weight (kg/lbs)	0.45 / 1.0

Part NO.	Name
	PRODUCTS FOR US MARKET
NSGNYX70012GDS1	**Nyx-7 SD** – Gen 2+ "Standard Definition" 45-51 lp/mm
NSGNYX70012GDI1	**Nyx-7 ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
NSGNYX7001QGDI1	**Nyx-7 QS** – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
NSGNYX7001GGDA1	**Nyx-7 Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
	PRODUCTS FOR INTERNATIONAL MARKET*
NSGNYX70012GIS1	**Nyx-7 SDi** – Gen 2+ "Standard Definition"
NSGNYX70012GII1	**Nyx-7 IDi** – Gen 2+ "Improved Definition"
NSGNYX7001QGII1	**Nyx-7 QSi** – Gen 2+ "Quick Silver" White Phosphor
NSGNYX7001GGEA1	**Nyx-7 Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
	ACCESSORIES
ANHM000001	Helmet Mount #4 (MICH/PASGT)
ANHM000009	MICH Helmet Mount Assembly USA #107 with Adapter/Swing Arm #59
ANHM000010	PASGT Helmet Mount Assembly USA #108 with Adapter/Swing Arm #59
ANAM000034	Swing Arm #59 Mini Rail Adapter to Bayonet Mount
ANAF3X0023	3x A-Focal Lens Kit: Lens #22 with Adapter #23
ANAF5X0023	5x A-Focal Lens with Adapter #23
ANAMRF0003	ARFS3 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARFS5 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANAMRF0004	ARFS4 - Advanced Range Finding Stadia for 4x Lens
ANLE4X0015	4x Lens
ANLE6X0015	6x Lens
ANLE8X0015	8x Lens
ANKIXLR017	XLR-IR850 X Long-Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANKIW00017	IR850W Wide Angle Adjustable X Long-Range IR Illuminator w/ Transfer Piece #21
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

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NYX-7 PRO

Night Vision Goggle

The Armasight Nyx-7 PRO is an extremely rugged but compact bi-ocular night vision goggle. Built with the highest-grade optics and simple, reliable electronics, the Nyx-7 PRO provides clear, bright nighttime images under even the most trying conditions. For hands-free use, it can be worn on the included flip-up head mount or optional universal helmet mount, both of which have a built-in mechanism that will automatically turn the unit off when it is flipped up. The Armasight NYX-7 PRO can be equipped with high-performance Gen 2+ or Gen 3 image tubes. The dismounted goggle can also be utilized as an excellent long-range viewer with optional 3x afocal, 5x, and 8x magnifier lenses.

Waterproof, rugged, lightweight, and compact, the Armasight Nyx-7 PRO is the perfect hands-free unit for users ranging from the casual civilian to the most demanding military and law enforcement professionals.

- **Compact and lightweight, rugged design**
- **Head or helmet-mountable for hands-free usage**
- **Ergonomic, simple, easy to operate controls**
- **Utilizes single CR123A lithium battery or AA Alkaline, adapter included**
- **Built-in Infrared illuminators and flood lens**
- **Limited Two-Year Warranty**

Magnification	1X
Lens system	27mm; F/1.2
Field of view (°)	40
Dimensions (mm/in)	165 x 120 x 61 / 6.5 x 4.7 x 2.4
Weight (kg/lbs)	0.5 / 1.1

Part NO.	Name
	PRODUCTS FOR US MARKET
NSGNYX7P0123DI1	**Nyx-7 PRO ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
NSGNYX7P0123DH1	**Nyx-7 PRO HD** – Gen 2+ "High Definition" 55-72 lp/mm
NSGNYX7P01Q3DI1	**Nyx-7 PRO QS-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm
NSGNYX7P0133DB1	**Nyx-7 PRO 3 Bravo** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSGNYX7P0133DA1	**Nyx-7 PRO 3 Alpha** – Gen 3 High Performance 64-72 lp/mm
NSGNYX7P01G3DA1	**Nyx-7 PRO Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
NSGNYX7P01P3DA1	**Nyx-7 PRO 3P** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
	PRODUCTS FOR INTERNATIONAL MARKET*
NSGNYX7P0123II1	**Nyx-7 PRO IDi** – Gen 2+ "Improved Definition"
NSGNYX7P0123IH1	**Nyx-7 PRO HDi** – Gen 2+ "High Definition"
NSGNYX7P01Q3IH1	**Nyx-7 PRO QSi-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor
NSGNYX7P01G3EA1	**Nyx-7 PRO Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
NSGNYX7P0133EA1	**Nyx-7 PRO 3E** – Gen 3 High Performance FOM 1400
NSGNYX7P0133NA1	**Nyx-7 PRO 3N** – Gen 3 High Performance FOM 1600
	ACCESSORIES**
ANHM000001	Helmet Mount #4 (MICH/PASGT)
ANHM000009	MICH Helmet Mount Assembly USA #107 with Adapter/Swing Arm #59
ANHM000010	PASGT Helmet Mount Assembly USA #108 with Adapter/Swing Arm #59
ANAF3X0002	3x A-Focal Lens #22
ANAF5X0002	5x A-Focal Lens
ANLE4X0132	4x Lens
ANLE6X0132	6x Lens
ANLE8X0132	8x Lens
ANAMRF0003	ARFS3 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARFS5 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANAMRF0004	ARFS4 - Advanced Range Finding Stadia for 4x Lens
ANKIXLR017	XLR-IR850 X Long-Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler

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*** See more accessories at www.armasight.com*

PVS-7

Night Vision Goggle

The PVS-7 is the most widely recognized and dependable United States Military Night Vision goggle system available. The AN/ PVS-7B/ D system has proven itself in combat due to its rugged, ergonomic design.

The Armasight PVS-7 can be equipped with high-performance Gen 2+ and Gen 3 variants of image intensifier tubes, using either Green phosphor or Armasight's "Quick Silver" and "Ghost" image intensifier tubes, which provide users with natural B&W Night Vision image.

The PVS-7 is equipped with Automatic Brightness Control (ABC), which automatically adjusts the brightness of the image tube to achieve the highest quality image resolution under varying light conditions, as well as a built-in infrared illuminator that allows the user to operate in total darkness. The PVS-7 also has an excessive-light cut-off feature that protects the image tube from bright light sources, and a flip-up shut-off feature when used with the optional helmet mount assembly. The PVS-7 is equipped with two LED indicators: yellow for a low battery, and red to alert the operator that the IR illuminator is on. Both are displayed on the eyepiece screen. Lightweight, rugged, and versatile, the Armasight PVS-7 can be hand-held, mounted to headgear, and helmet-mounted. The dismounted goggle can also be used as an excellent long-range viewer with optional afocal magnifier lenses.

- **Compact, rugged design**
- **Waterproof**
- **Head or helmet-mountable for hands-free usage**
- **Ergonomic, simple, easy to operate controls**
- **Auto-brightness control**
- **Bright light cut-off**
- **Built-in Infrared illuminators**
- **Limited Two-Year Warranty**

Magnification	1X
Lens system	27mm; F1.2
Field of view (°)	40
Dimensions (mm/in)	162 x 152 x 76 / 6.4 x 6.0 x 3.0
Weight (kg/oz)	0.68 / 24

Part NO.	Name
	PRODUCTS FOR US MARKET
NAMPVS700123DS1	**PVS-7 SD** – Gen 2+ "Standard Definition" 45-51 lp/mm
NAMPVS700123DI1	**PVS-7 ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
NAMPVS700123DH1	**PVS-7 HD** – Gen 2+ "High Definition" 55-72 lp/mm
NAMPVS7001Q3DH1	**PVS-7 QS-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm
NAMPVS700133DB1	**PVS-7 3 Bravo** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NAMPVS700133DA1	**PVS-7 3 Alpha** – Gen 3 High Performance 64-72 lp/mm
NAMPVS7001G3DA1	**PVS-7 Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
NAMPVS7001P3DA1	**PVS-7 3P** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
	PRODUCTS FOR INTERNATIONAL MARKET*
NAMPVS7001G3EA1	**PVS-7 Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
NAMPVS700133EA1	**PVS-7 3E** – Gen 3 High Performance FOM 1400
NAMPVS700133NA1	**PVS-7 3N** – Gen 3 High Performance FOM 1600
	ACCESSORIES**
ANHM000005	MICH Helmet Mount Assembly USA #107
ANHM000006	PASGT Helmet Mount Assembly USA #108
ANAF3X0003	3x A-Focal Mil-Spec Lens #99
ANAF5X0001	5x A-Focal Mil-Spec Lens #100
ANAF3X000P	3x A-Focal Lens #22 with Adapter #24/#25
ANAF5X000P	5x A-Focal Lens with Adapter #24/#25
ANKIXLR118	XLR-IR850 X Long-Range IR Illuminator w/ Adapter # 118, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANKIW00118	IR850W Wide Angle Adjustable X Long-Range IR Illuminator w/ Adapter # 118

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*** See more accessories at www.armasight.com*

N-15

Night Vision Goggle

The Armasight N-15 is a dual-channel Night Vision goggle system. The N-15 uses optics that are equal to or better than current Military Night Vision units, built into a tough, compact, and ergonomic composite housing. The Armasight N-15 can withstand saltwater, rain, high humidity, and temperature extremes, and still provide unsurpassed levels of performance.

For hands-free use, it can be worn on the included flip-up head mount or optional universal helmet mount, both of which have a built-in mechanism that will automatically turn the unit off when it is flipped up. The N-15 goggle is equipped with automatic brightness control, bright light shut-off circuitry, and a spot/flood built-in IR illuminator. The dismounted goggle can also be utilized as an excellent long-range viewer with an optional 3x afocal lens.

The Armasight N-15 utilizes two image intensifier tubes. This dual tube design provides increased depth perception and outstanding clarity. The Armasight N-15 can be equipped with high-performance Gen 2+ and Gen 3 IITs including Green phosphor, or Armasight's "Quick Silver" and "Ghost" IITs, which provide users with natural B&W Night Vision displays.

The Armasight N-15 is a high-standard Night Vision device that will meet the requirements of the most demanding law enforcement officer, military professional, or casual civilian user.

- **Compact and lightweight, rugged design**
- **True stereoscopic vision**
- **Head or helmet-mountable for hands-free operation**
- **Built-in IR illuminator with flood lens**
- **Utilizes single CR123A lithium battery or AA Alkaline, adapter included**
- **Limited Two-Year Warranty**

Magnification	1X
Lens system	27mm; F1.2
Field of view (°)	40
Dimensions (mm/in)	140 x 114 x 69 / 5.5 x 4.5 x 2.7
Weight (kg/oz)	0.7 / 1.5

Part NO.	Name
	PRODUCTS FOR US MARKET
NSGN15000126DS1	**N-15 SD** – Gen 2+ "Standard Definition" 45-51 lp/mm
NSGN15000126DI1	**N-15 ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
NSGN15000126DH1	**N-15 HD** – Gen 2+ "High Definition" 55-72 lp/mm
NSGN150001Q6DH1	**N-15 QS-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm
NSGN15000136DB1	**N-15 3 Bravo** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSGN15000136DA1	**N-15 3 Alpha** – Gen 3 High Performance 64-72 lp/mm
NSGN150001G6DA1	**N-15 Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
NSGN150001P6DA1	**N-15 3P** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
NSGN150001F6DA1	**N-15 FLAG** – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm
	PRODUCTS FOR INTERNATIONAL MARKET*
NSGN15000126IS1	**N15-SDi** – Gen 2+ "Standard Definition"
NSGN15000126II1	**N-15 IDi** – Gen 2+ "Improved Definition"
NSGN15000126IH1	**N-15 HDi** –Gen 2+ "High Definition"
NSGN150001Q6IH1	**N-15 QSi-HD** –Gen 2+ "Quick Silver-High Definition" White Phosphor
NSGN15000136EA1	**N-15 3E** –Gen 3 High Performance FOM 1400
NSGN15000136NA1	**N-15 3N** – Gen 3 High Performance FOM 1600
NSGN150001G6EA1	**N-15 Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
	ACCESSORIES
ANAF3X0N15	A-Focal 3x Lens Kit (includes 2 lenses)
ANHM000001	Helmet Mount #4 (MICH/PASGT)
ANKIXLR017	XLR-IR850 X Long-Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANKIW00017	IR850W Wide Angle Adjustable X Long-Range IR Illuminator w/Dovetail to Weaver Transfer Piece #21
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

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DARK STRIDER

Night Vision Binoculars

With a framework, size, and weight very similar to typical daytime binoculars, the Armasight Dark Strider Gen 1 Night Vision 5X binoculars offer superb Night Vision performance. Binocular Night Vision is better for sustained viewing periods and improved depth perception. The Dark Strider is equipped with a pair of high-quality Gen 1 image tubes, multi-coated glass lenses, and armored, rubber-coated aluminum housing.

A built-in, focusable infrared illuminator ensures exceptional operation even in total darkness. Using the Dark Strider is easy, thanks to simple control buttons and eyepiece-only focusing optics.

Powerful, tough, and practical – that's the Armasight Dark Strider!

- **Easy to operate**
- **Powerful 5X magnification**
- **Rubberized for extra protection**
- **High-resolution Gen 1+ image intensifier tube**
- **Multi-coated all-glass optics**
- **Built-in long-range infrared illuminator**
- **Water and fog-resistant**
- **Limited Two-Year Warranty**

Magnification	5X
Lens system	80mm; F/1.7
Field of view (°)	14
Dimensions (mm/in)	225 x 150 x 60 / 8.9 x 5.9 x 2.3
Weight (kg/lbs)	1.4 / 3

Part NO.	Name
	PRODUCT FOR US AND INTERNATIONAL MARKETS
NKBDASTRI511I11	**Dark Strider** – Gen 1+
	ACCESSORIES
ANKIXLR023	XLR-IR850 X Long-Range IR Illuminator w/ Rech. Batt., and Charger. w/ IRDS Adapter #115
ANAF18XXLR	XLR-IR A-Focal Doubler

SPARK-B

Night Vision Binoculars

The Armasight Spark-B Night Vision binoculars include 4x magnification built around CORE (Ceramic Optical Ruggedized Engine) image intensifier tubes. Unlike Gen 1 Image intensifier tubes, which are fragile because they're made from glass, CORE™ IITs are made just like Gen 2 and Gen 3, by fusing metal alloys with ceramic compounds. CORE™ technology is based on durable elements and allows tight component stacking, resulting in image tubes that are exceptionally shockproof and vibration-resistant. Robust packaging protects easy-to-break protrusions common in Gen 1 tubes, and allows for a streamlined design that is lighter, more compact, and more reliable than typical Night Vision devices.

The CORE™ platform offers 'best in class' resolution with 60-70 lp/mm, and increased photocathode sensitivity levels of upwards of 400μA/lm, which provide image quality in challenging ambient light conditions that rivals high-end Gen 2 image tubes.

Armasight Spark-B binoculars are rugged and lightweight. Dual tube design provides increased depth perception and outstanding clarity. A built-in, focusable short-range IR illuminator allows the units to work well even in complete darkness, and an optional long-range infrared illuminator will dramatically boost the viewing range when you need it most.

- **High-resolution CORE image intensifier tube**
- **4x magnification**
- **Multi-coated all-glass optics**
- **Compact, rugged design**
- **Rubberized for extra protection**
- **Ergonomic, simple, easy to operate controls**
- **Utilizes single CR123A lithium battery**
- **Built-in Infrared illuminator**
- **Water and fog-resistant**
- **Limited Two-Year Warranty**

Magnification	4X
Lens system	80mm; F/1.7
Field of view (°)	14
Dimensions (mm/in)	220 x 147 x 63 / 8.7 x 5.8 x 2.5
Weight (kg/lbs)	1.33 / 2.93

Part NO.	Name
	PRODUCT FOR US AND INTERNATIONAL MARKETS
NSBSPARKB4CCIC1	**Spark-B** – "CORE" IIT, 60-70 lp/mm
	ACCESSORIES
ANKIXLR017	XLR-IR850 X Long-Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger

DISCOVERY

Night Vision Bi-Oculars

The Armasight Discovery is the ultimate long-range Night Vision observation device.

Providing enhanced performance and a highly ergonomic body, the Discovery enables users to view long distances comfortably for extended periods of time. The Discovery is the perfect tool for perimeter security, observing nature, and performing long-range surveillance.

Equipped with brand new, high-performance image intensifier tubes, our Discovery Binoculars can be hand-held or mounted onto a tripod. The Armasight Discovery can be equipped with high-performance Gen 2+ and Gen 3 IITs, including Green phosphor or Armasight's "Quick Silver" and "Ghost" IITs, which provide users with natural B&W Night Vision displays. The Armasight Discovery is equipped with Automatic Brightness Control (ABC), which automatically adjusts the brightness of the image tube to achieve the highest quality image resolution under varying light conditions.

Available in 3X, 5X, or 8X models, the Discovery is fitted with a Detachable X Long-Range Infrared Illuminator and advanced electronic protection circuits. With a rugged body that is both water and shock resistant, but still lightweight, the Armasight Discovery is the ideal choice for hunting, wildlife observation, law enforcement, and defense applications.

- **Rugged, lightweight and versatile design**
- **3x, 5x, or 8x magnification**
- **Fast, multi-coated, all-glass optics**
- **Dual eye viewing system for comfortable, extended nighttime viewing sessions**
- **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- **Water and fog-resistant**
- **Tripod-mountable**
- **Hand straps and neck strap for comfortable use**
- **Limited Two-Year Warranty**

Model	Discovery 3X	Discovery 5X	Discovery 8X
Magnification	3X	5X	8X
Lens system	80mm; F/1.65	108mm; F/1.5	160mm; F/2.0
Field of view (°)	12.5	9.5	6.5
Dimensions (mm/in)	265 x 140 x 63 / 10.4 x 5.5 x 2.5	305 x 140 x 86 / 12.0 x 5.5 x 3.4	350 x 140 x 100 / 13.8 x 5.5 x 3.9
Weight (kg/lbs)	1.0 / 2.2	1.3 / 2.8	1.5 / 3.3

Part NO.	Name
	PRODUCTS FOR US MARKET
NSBDISCOV32GDS1	**Discovery 3X SD** – Gen 2+ "Standard Definition" 45-51 lp/mm
NSBDISCOV32GDI1	**Discovery 3X ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
NSBDISCOV3QGDI1	**Discovery 3X QS** – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
NSBDISCOV323DH1	**Discovery 3X HD** – Gen 2+ "High Definition" 55-72 lp/mm
NSBDISCOV3Q3DH1	**Discovery 3X QS-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor
NSBDISCOV333DB1	**Discovery 3X 3 Bravo** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSBDISCOV333DA1	**Discovery 3X 3 Alpha** – Gen 3 High Performance 64-72 lp/mm
NSBDISCOV3GGDA1	**Discovery 3X Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
NSBDISCOV3P3DA1	**Discovery 3X 3P** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
NSBDISCOV52GDS1	**Discovery 5X SD** – Gen 2+ "Standard Definition"
NSBDISCOV52GDI1	**Discovery 5X ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
NSBDISCOV5QGDI1	**Discovery 5X QS** – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
NSBDISCOV523DH1	**Discovery 5X HD** – Gen 2+ "High Definition" 55-72 lp/mm
NSBDISCOV5Q3DH1	**Discovery 5X QS-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor
NSBDISCOV533DB1	**Discovery 5X 3 Bravo** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSBDISCOV533DA1	**Discovery 5X 3 Alpha** – Gen 3 High Performance 64-72 lp/mm
NSBDISCOV5GGDA1	**Discovery 5X Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
NSBDISCOV5P3DA1	**Discovery 5X 3P** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
NSBDISCOV82GDS1	**Discovery 8X SD** – Gen 2+ "Standard Definition" 45-51 lp/mm
NSBDISCOV82GDI1	**Discovery 8X ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
NSBDISCOV8QGDI1	**Discovery 8X QS** – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
NSBDISCOV823DH1	**Discovery 8X HD** – Gen 2+ "High Definition" 55-72 lp/mm
NSBDISCOV8Q3DH1	**Discovery 8X QS-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor
NSBDISCOV833DB1	**Discovery 8X 3 Bravo** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSBDISCOV833DA1	**Discovery 8X 3 Alpha** – Gen 3 High Performance 64-72 lp/mm
NSBDISCOV8GGDA1	**Discovery 8X Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
NSBDISCOV8P3DA1	**Discovery 8X 3P** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
	PRODUCTS FOR INTERNATIONAL MARKET*
NSBDISCOV32GIS1	**Discovery 3X SDi** – Gen 2+ "Standard Definition"
NSBDISCOV32GII1	**Discovery 3X IDi** – Gen 2+ "Improved Definition"
NSBDISCOV3QGII1	**Discovery 3X QSi** – Gen 2+ "Quick Silver" White Phosphor
NSBDISCOV323IH1	**Discovery 3X HDi** – Gen 2+ "High Definition"
NSBDISCOV3QGIH1	**Discovery 3X QSi-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor
NSBDISCOV3GGEA1	**Discovery 3X Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
NSBDISCOV333EA1	**Discovery 3X 3E** – Gen 3 High Performance FOM 1400
NSBDISCOV333NA1	**Discovery 3X 3N** – Gen 3 High Performance FOM 1600
NSBDISCOV52GIS1	**Discovery 5X SDi** – Gen 2+ "Standard Definition"
NSBDISCOV52GII1	**Discovery 5X IDi** – Gen 2+ Improved Definition"
NSBDISCOV5QGII1	**Discovery 5X QSi** – Gen 2+ "Quick Silver" White Phosphor
NSBDISCOV523IH1	**Discovery 5X HDi** – Gen 2+ "High Definition"
NSBDISCOV5QGIH1	**Discovery 5X QSi-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor
NSBDISCOV5GGEA1	**Discovery 5X Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
NSBDISCOV533EA1	**Discovery 5X 3E** – Gen 3 High Performance FOM 1400
NSBDISCOV533NA1	**Discovery 5X 3N** – Gen 3 High Performance FOM 1600
NSBDISCOV82GIS1	**Discovery 8X SDi** – Gen 2+ "Standard Definition"
NSBDISCOV82GII1	**Discovery 8X IDi** – Gen 2+ "Improved Definition"
NSBDISCOV82QGII1	**Discovery 8X QSi** – Gen 2+ "Quick Silver" White Phosphor
NSBDISCOV823IH1	**Discovery 8X HDi** – Gen 2+ "High Definition"
NSBDISCOV82QGIH1	**Discovery 8X QSi-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor
NSBDISCOV8GGEA1	**Discovery 8X Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
NSBDISCOV833EA1	**Discovery 8X 3E** – Gen 3 High Performance FOM 1400
NSBDISCOV833NA1	**Discovery 8X 3N** – Gen 3 High Performance FOM 1600
	ACCESSORIES
ANAF18XXLR	XLR-IR A-Focal Doubler
ANKIW00017	IR850W Wide Angle Adjustable X Long-Range IR Illuminator w/ Transfer Piece #21
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

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EAGLE

Night Vision Binoculars

Armasight Eagle Night Vision binoculars are high-tech, tough, and durable. They deliver great performance, but at the lowest possible cost. Packed with features, the Eagle is a unit that is equally as appropriate for the hunter as it is for the professional security officer or law enforcement professional.

Despite its low cost, the Eagle features manual brightness control, bright light shut-off circuitry, and a built-in IR illuminator. The Armasight Eagle can be equipped with high-performance Green phosphor Gen 2+ IITs, or Armasight's Gen 2+ "Quick Silver" and Gen 3 "Ghost" IITs, which provides users with natural B&W Night Vision displays.

The Armasight Eagle is a Night Vision workhorse that will satisfy the requirements and expectations of the most demanding professionals and casual Night Vision users.

- **3.5x magnification**
- **Redundant dual-tube design**
- **Auto-brightness control**
- **Bright light cut-off**
- **Ergonomic, simple, easy to operate controls**
- **Waterproof**
- **Utilizes single CR123A lithium battery or AA Alkaline, adapter included**
- **Adaptable for use with cameras**
- **Built-in Infrared illuminator**
- **Time Tracker System available for measuring hours of operation (optional)**
- **Limited Two-Year Warranty**

Magnification	3.5X
Lens system	80mm; F/1.6
Field of view (°)	12
Dimensions (mm/in)	235 x 120 x 75 / 9.2 x 4.7 x 2.9
Weight (kg/lbs)	1.52 / 3.3

Part NO.	Name
	PRODUCTS FOR US MARKET
NSBEAGLE032GDS1	**Eagle SD** – Gen 2+ "Standard Definition" 45-51 lp/mm
NSBEAGLE032GDI1	**Eagle ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
NSBEAGLE03QGDI1	**Eagle QS** – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
NSBEAGLE03GGDA1	**Eagle Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
	PRODUCTS FOR INTERNATIONAL MARKET*
NSBEAGLE032GIS1	**Eagle SDi** – Gen 2+ "Standard Definition"
NSBEAGLE032GII1	**Eagle IDi** – Gen 2+ "Improved Definition"
NSBEAGLE03QGII1	**Eagle QSi** – Gen 2+ "Quick Silver" White Phosphor
NSBEAGLE0GGEA1	**Eagle Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
	ACCESSORIES
ANKIXLR017	XLR-IR850 X Long-Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANKIW00017	IR850W Wide Angle Adjustable X Long-Range IR Illuminator w/ Transfer Piece #21
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

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ORION WWZ

Night Vision Weapon Sights

Our line of Armasight Gen 1 Night Vision riflescopes is a collection of high-performance, mid-range Night Vision weapon sights that provide excellent observational, target acquisition, and aiming capabilities for the most demanding sports shooters, hunters, and security personnel.

Armasight Night Vision sights are arguably the most dependable, highest-performing weapon sights you can find in the Gen 1+ category. We have housed our top class optics and image intensifier tubes within ruggedly designed aluminum bodies.

Armasight Orion riflescopes are equipped with armored, rubber-coated housing. For improved accuracy and ergonomics, all Orion series scopes feature precision top wheel focus.

Our riflescopes are the best solution for any tactical shooter or hunter seeking to improve the accuracy of their shooting in dark environments.

- **3x, 4x or 5x magnification**
- **Shock-protected optics**
- **Illuminated red cross reticle**
- **Simple, easy to operate controls and adjustments**
- **Water-resistant design**
- **Rubberized body (Orion series)**
- **Ability to mount to standard Weaver rails**
- **Variable reticle brightness**
- **Detachable, long-range infrared illuminator**
- **Limited Two-Year Warranty**

Model	ORION 3X	ORION 4X	ORION 5X	WWZ
Magnification	3X	4X	5X	4X
Lens system	85mm; F/1.4	90mm; F/1.4	108mm; F/1.6	90mm; F/1.4
Field of view (°)	15	12	10	12
Dimensions (mm/in)	323 x 83 x 108 / 12.7 x 3.2 x 4.2	323 x 98 x 115 / 12.7 x 3.8 x4.5	323 x 104 x 118 / 12.7 x 4.1 x 4.6	323 x 98 x 115 / 12.7 x 3.8 x 4.5
Weight (kg/lbs)	1.4 / 3.0	1.5 / 3.2	1.7 / 3.7	1.45 / 3.2

Part NO.	Name
	PRODUCTS FOR US AND INTERNATIONAL MARKETS
NWWORION0311I11	**ORION 3X** – Gen 1+
NWWORION0411I11	**ORION 4X** – Gen 1+
NWWORION0511I11	**ORION 5X** – Gen 1+
NWWWWZ000411I11	**WWZ** – Gen 1+
	ACCESSORIES
IAIR850IR000003	XLR-IR850 X Long-Range IR Illuminator, Rechargeable Battery, and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANAM000045	Extended Rail Adapter #85
ANHC000004	Hard Shipping/ Storage Case #102 (F200)

VAMPIRE

Night Vision Weapon Sight

The Armasight Vampire is built using our new, proprietary CORE (Ceramic Optical Ruggedized Engine) image tube, which includes double the resolution of Gen 1 devices. This provides flatter, clearer Night Vision images. The CORE™ platform offers 'best in class' resolution with 60-70 lp/mm, and increased photocathode sensitivity levels of upwards of 400μA/lm, providing image quality that rivals that of high-end Gen 2 image tubes, even in challenging ambient light conditions.

The body of the unit is made from solid aluminum, and is O-ring sealed and rubber coated for further protection. Like all Armasight scopes, the Vampire is nitrogen-treated and comes complete with batteries, a soft carrying case, a user manual, and all necessary hardware for solid mounting to a standard 7/8" Picatinny or Weaver-style rail.

The Vampire has multicoated all-glass lenses and a manually adjustable fine reticle that makes precise shot placement incredibly easy. This Night Vision riflescope is also water, dust, and sand-proof for increased reliability. Complete with tactical rails for lasers or illuminators (the high-power IR illuminator is included standard), the Armasight Vampire is ideal for the game hunter, tactical marksmen, or anyone looking for a compact, sturdy, lightweight Night Vision riflescope.

- **CORE Technology**
- **Shock protected, all-glass IR transmission multicoated optics**
- **Illuminated reticle with brightness adjustment**
- **Detachable long-range infrared illuminator**
- **Water and fog-resistant design**
- **Low battery indicator**
- **Quick-Release mount**
- **Mounts to standard Weaver rails**
- **Water and fog-resistant**
- **Limited Two-Year Warranty**

Magnification	3X
Lens system	108mm; F/1.5
Field of view (°)	10.5
Dimensions (mm/in)	275 x 87 x 95 / 10.8 x 3.4 x 3.7
Weight (kg/lbs)	1.36 / 3

Part NO.	Name
	PRODUCTS FOR US AND INTERNATIONAL MARKETS
NMWVAMPIR3CCIC1	**Vampire 3x** – "CORE" IIT, 60-70 lp/mm
	ACCESSORIES
IAIR850IR000003	XLR-IR850 X Long-Range IR Illuminator, Rechargeable Battery, and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANAM000045	Extended Rail Adapter #85
ANHC000004	Hard Shipping/ Storage Case #102 (F200)

SPEAR

Night Vision Weapon Sight

The Armasight Spear is a high-tech, tough, and durable Night Vision riflescope that delivers great performance at the lowest possible cost. The Armasight Spear features a high-quality Gen 2+ image intensifier tube, an adjustable, illuminated reticle, easy to use internal windage and elevation adjustments, and simple controls -- it will allow you to see beyond the expected in nighttime conditions.

The Armasight Spear riflescope is equipped with an armored, rubber-coated housing made from aircraft aluminum. The Spear is fitted with a double-lever Quick-Release mount that allows for highly accurate rail positioning, ensuring user comfort. For improved accuracy and ergonomics, the Spear features precision top wheel focus. A high-powered, long-range IR illuminator is included for long-range use.

Water-resistant, robust, and lightweight, the Armasight Spear is the perfect Night Vision riflescope for hunters and tactical marksmen.

- **4X magnification**
- **Shock protected, all-glass IR transmission multicoated optics**
- **Rubberized body**
- **Illuminated reticle with brightness adjustment**
- **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- **Water and fog-resistant design**
- **Quick-Release mount**
- **Mounts to standard Weaver rails**
- **Water and fog-resistant**
- **Limited Two-Year Warranty**

Magnification	4X
Lens system	108mm; F/1.5
Field of view (°)	10
Dimensions (mm/in)	295 x 100 x 100 / 11.6 x 3.9 x 3.9
Weight (kg/lbs)	1.5 / 3.4

Part NO.	Name
	PRODUCTS FOR US MARKET
NWWSPEAR042GDS1	**Spear 4x SD** – Gen 2+ "Standard Definition" 45-51 lp/mm
NWWSPEAR042GDI1	**Spear 4x ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
	PRODUCTS FOR INTERNATIONAL MARKET*
NWWSPEAR042GIS1	**Spear 4x SDi** – Gen 2+ "Standard Definition"
NWWSPEAR042GII1	**Spear 4x IDi** – Gen 2+ "Improved Definition"
	ACCESSORIES
ANAF18XXLR	XLR-IR A-Focal Doubler
IAIR850IR000002	IR850W Wide Angle Adjustable X Long-Range IR Illuminator
ANAM000045	Extended Rail Adapter #85
ANHC000004	Hard Shipping/ Storage Case #102 (F200)

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VULCAN

Night Vision Weapon Sights

Armasight Vulcan scopes represent the apex of Night Vision weapon sight technology. They include image intensifier options featuring Gen 2+ White phosphor Quick Silver, Gen 3 white phosphor Ghost, and mil-spec Gen 3 Pinnacle. Our new optical design sets the industry standard, and these devices are significantly more compact than before.

The Vulcan comes with a host of features, including wireless remote control, the ability to use either a CR123A or AA battery, and a quick-release Picatinny mount with locks. The Vulcan can be secured to an adjustable mount that fits Weaver or Picatinny rails, and can be mounted in seconds without tools.

The Vulcan has multicoated all-glass lenses, and an internally adjustable fine reticle that makes precise shot placement incredibly easy. This Night Vision riflescope is also water, dust, and sand-proof for increased reliability. Complete with tactical rails for lasers or illuminators (the high power IR illuminator is included as standard), the Armasight Vulcan is ideal for the dedicated game hunter, tactical marksmen, or anyone that needs a compact, lightweight Night Vision riflescope.

- **Wide array of lenses and IIT configurations**
- **Shock protected, all-glass IR transmission multicoated optics**
- **Bright light cut-off system**
- **Illuminated reticle with brightness adjustment**
- **Variable gain control**
- **Wireless remote control included**
- **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- **Waterproof design**
- **Powered by a single CR123A Lithium or AA battery**
- **Low battery indicator**
- **Quick-Release mount**
- **2x magnifier included (Vulcan 2.5x-5x)**
- **Limited Two-Year Warranty**

Model	VULCAN 2.5-5X	VULCAN 4.5X	VULCAN 6X	VULCAN 8X
Magnification	2.5X / 5X	4.5X	6X	8X
Lens System	60mm; F/1.35	108mm; F/1.54	145mm; F/1.8	192mm; F/2.13
Field of view (°)	16	9	7	5.4
Dimensions (mm/in)	239 x 97 x 71 / 9.4 x 3.8 x 2.8	219 x 99 x 81 / 8.6 x 3.9 x 3.2	246 x 104 x 91 / 9.7 x 4.1 x 3.6	310 x 108 x 103 / 12.2 x 4.2 x 4.1
Weight (kg/lbs)	0.8 / 1.7	0.97 / 2.1	1.09 / 2.4	1.43 / 3.1

Part NO.	Name
	PRODUCTS FOR US MARKET
NRWVULCAN229DS1	**Vulcan 2.5-5X SD MG** – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NRWVULCAN229DI1	**Vulcan 2.5-5X ID MG** – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NRWVULCAN229DH1	**Vulcan 2.5-5X HD MG** – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NRWVULCAN2Q9DH1	**Vulcan 2.5-5X QS-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm, Manual Gain
NRWVULCAN239DB1	**Vulcan 2.5-5X 3 Bravo MG** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NRWVULCAN239DA1	**Vulcan 2.5-5X 3 Alpha MG** – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NRWVULCAN2G9DA1	**Vulcan 2.5-5X Ghost MG** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NRWVULCAN2P9DA1	**Vulcan 2.5-5X 3P MG** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NRWVULCAN2F9DA1	**Vulcan 2.5-5X FLAG MG** – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) , Manual Gain
NRWVULCAN429DS1	**Vulcan 4.5X SD MG** – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NRWVULCAN429DI1	**Vulcan 4.5X ID MG** – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NRWVULCAN429DH1	**Vulcan 4.5X HD MG** – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NRWVULCAN4Q9DH1	**Vulcan 4.5X QS-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm, Manual Gain
NRWVULCAN439DB1	**Vulcan 4.5X 3 Bravo MG** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NRWVULCAN439DA1	**Vulcan 4.5X 3 Alpha MG** – Gen 3 High Performance 64-72 lp/mm, Manual Gain

Part NO.	Name
NRWVULCAN4G9DA1	**Vulcan 4.5X Ghost MG** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NRWVULCAN4P9DA1	**Vulcan 4.5X 3P MG** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NRWVULCAN4F9DA1	**Vulcan 4.5X FLAG MG** – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) , Manual Gain
NRWVULCAN629DS1	**Vulcan 6x SD MG** – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NRWVULCAN629DI1	**Vulcan 6x ID MG** – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NRWVULCAN629DH1	**Vulcan 6x HD MG** – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NRWVULCAN6Q9DH1	**Vulcan 6X QS-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm, Manual Gain
NRWVULCAN639DB1	**Vulcan 6X 3 Bravo MG** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NRWVULCAN639DA1	**Vulcan 6X 3 Alpha MG** – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NRWVULCAN6G9DA1	**Vulcan 6X Ghost MG** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NRWVULCAN6P9DA1	**Vulcan 6X 3P MG** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NRWVULCAN6F9DA1	**Vulcan 6X FLAG MG** – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) , Manual Gain
NRWVULCAN829DS1	**Vulcan 8x SD MG** – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NRWVULCAN829DI1	**Vulcan 8x ID MG** – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NRWVULCAN829DH1	**Vulcan 8x HD MG** – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NRWVULCAN8Q9DH1	**Vulcan 8X QS-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm, Manual Gain
NRWVULCAN839DB1	**Vulcan 8X 3 Bravo MG** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NRWVULCAN839DA1	**Vulcan 8X 3 Alpha MG** – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NRWVULCAN8G9DA1	**Vulcan 8X Ghost MG** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NRWVULCAN8P9DA1	**Vulcan 8X 3P MG** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NRWVULCAN8F9DA1	**Vulcan 8X FLAG MG** – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) , Manual Gain
	PRODUCTS FOR INTERNATIONAL MARKET*
NRWVULCAN229IS1	**Vulcan 2.5-5X SDi MG** – Gen 2+ "Standard Definition", Manual Gain
NRWVULCAN229II1	**Vulcan 2.5-5X IDi MG** – Gen 2+ "Improved Definition", Manual Gain
NRWVULCAN229IH1	**Vulcan 2.5-5X HDi MG** – Gen 2+ "High Definition", Manual Gain
NRWVULCAN2Q9IH1	**Vulcan 2.5-5X QSi-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor, Manual Gain
NRWVULCAN2G9EA1	**Vulcan 2.5-5X Ghost E MG** – Gen 3 "Ghost" White Phosphor FOM 1400, Manual Gain
NRWVULCAN239EA1	**Vulcan 2.5-5X 3E MG** – Gen 3 High Performance FOM 1400, Manual Gain
NRWVULCAN239NA1	**Vulcan 2.5-5X 3N MG** – Gen 3 High Performance FOM 1600, Manual Gain
NRWVULCAN429IS1	**Vulcan 4.5X SDi MG** – Gen 2+ "Standard Definition", Manual Gain
NRWVULCAN429II1	**Vulcan 4.5X IDi MG** – Gen 2+ "Improved Definition", Manual Gain
NRWVULCAN429IH1	**Vulcan 4.5X HDi MG** – Gen 2+ "High Definition", Manual Gain
NRWVULCAN4Q9IH1	**Vulcan 4.5X QSi-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor, Manual Gain
NRWVULCAN4G9EA1	**Vulcan 4.5X Ghost E MG** – Gen 3" Ghost" White Phosphor FOM 1400, Manual Gain
NRWVULCAN439EA1	**Vulcan 4.5X 3E MG** – Gen 3 High Performance FOM 1400, Manual Gain
NRWVULCAN439NA1	**Vulcan 4.5X 3N MG** – Gen 3 High Performance FOM 1600, Manual Gain
NRWVULCAN629IS1	**Vulcan 6X SDi MG** – Gen 2+ "Standard Definition", Manual Gain
NRWVULCAN629II1	**Vulcan 6X IDi MG** – Gen 2+ "Improved Definition", Manual Gain
NRWVULCAN629IH1	**Vulcan 6X HDi MG** – Gen 2+ "High Definition", Manual Gain
NRWVULCAN6Q9IH1	**Vulcan 6X QSi-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor, Manual Gain
NRWVULCAN6G9EA1	**Vulcan 6X Ghost E MG** – Gen 3" Ghost" White Phosphor FOM 1400, Manual Gain
NRWVULCAN639EA1	**Vulcan 6X 3E MG** – Gen 3 High Performance FOM 1400, Manual Gain
NRWVULCAN639NA1	**Vulcan 6X 3N MG** – Gen 3 High Performance FOM 1600, Manual Gain
NRWVULCAN829IS1	**Vulcan 8X SDi MG** – Gen 2+ "Standard Definition", Manual Gain
NRWVULCAN829II1	**Vulcan 8X IDi MG** – Gen 2+ "Improved Definition", Manual Gain
NRWVULCAN829IH1	**Vulcan 8X HDi MG** – Gen 2+ "High Definition", Manual Gain
NRWVULCAN8Q9IH1	**Vulcan 8X QSi-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor, Manual Gain
NRWVULCAN8G9EA1	**Vulcan 8X Ghost E MG** – Gen 3" Ghost" White Phosphor FOM 1400, Manual Gain
NRWVULCAN839EA1	**Vulcan 8X 3E MG** – Gen 3 High Performance FOM 1400, Manual Gain
NRWVULCAN839NA1	**Vulcan 8X 3N MG** – Gen 3 High Performance FOM 1600, Manual Gain
	ACCESSORIES
ANAF18XXLR	XLR-IR A-Focal Doubler
IAIR850IR000002	IR850W Wide Angle Adjustable X Long-Range IR Illuminator
ANAM000045	Extended Rail Adapter #85
ANHC000004	Hard Shipping/ Storage Case #102 (F200)

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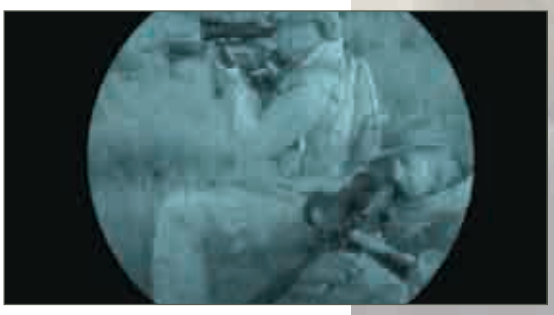

NEMESIS

Night Vision Weapon Sights

The Armasight Nemesis is the perfect solution for missions where the shooter requires additional distance between themselves and their target. Featuring a high-quality image intensifier tube, easy to use internal windage and elevation adjustments, and simple push button controls, the Armasight Nemesis will allow you to see beyond the expected in nighttime conditions. The Armasight Nemesis can be equipped with high-performance Green phosphor Gen 2+ IITs, or Armasight's Gen 2 "Quick Silver" and Gen 3 "Ghost" IITs, which provides users with natural B&W Night Vision displays.

The adjustable illuminated reticle is unique; no other Night Vision riflescope on the market has such well-defined (yet extremely thin) crosshairs that allow for this level of precise shot placement, even on exceptionally small targets. The Nemesis is fitted with a Picatinny/ Weaver mount that allows for highly accurate rail positioning, ensuring user comfort; three accessory mounting rails allow easy mounting of our included long-range IR illuminator and/or other compatible accessories. The Nemesis is water resistant, robust, lightweight, and engineered from aircraft aluminum.

- **Shock-protected, all-glass IR transmission multicoated optics**
- **Bright source protection, Automatic Brightness Control (ABC)**
- **Illuminated, center red cross reticle for optimal contrast**
- **Controls and adjustments are simple and easy to operate**
- **Mounts to standard Weaver rails**
- **Variable reticle brightness**
- **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- **Limited Two-Year Warranty**

Model	Nemesis 4X	Nemesis 6X
Magnification	4X	6X
Lens System	108 mm; F/1.5	160 mm; F/2.0
Field of view (°)	10	6.5
Dimensions (mm/in)	305 x 102 x 71 / 12 x 4 x 2.8	388 x 102 x 71 / 15.3 x 4 x 2.8
Weight (kg/lbs)	1.2 / 2.7	1.9 / 4.2

Part NO.	Name
	PRODUCTS FOR US MARKET
NRWNEMESI42GDS1	**Nemesis 4X SD** – Gen 2+ "Standard Definition" 45-51 lp/mm
NRWNEMESI42GDI1	**Nemesis 4X ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
NRWNEMESI4QGDI1	**Nemesis 4X QS** – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
NRWNEMESI4GGDA1	**Nemesis 4X Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
NRWNEMESI62GDS1	**Nemesis 6X SD** – Gen 2+ "Standard Definition" 45-51 lp/mm
NRWNEMESI62GDI1	**Nemesis 6X ID** – Gen 2+ "Improved Definition" 47-54 lp/mm
NRWNEMESI6QGDI1	**Nemesis 6X QS** – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
NRWNEMESI6GGDA1	**Nemesis 6X Ghost** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
	PRODUCTS FOR INTERNATIONAL MARKET*
NRWNEMESI42GIS1	**Nemesis 4X SDi** – Gen 2+ "Standard Definition"
NRWNEMESI42GII1	**Nemesis 4X IDi** – Gen 2+ "Improved Definition"
NRWNEMESI4QGII1	**Nemesis 4X QSi** – Gen 2+ "Quick Silver" White Phosphor
NRWNEMESI4GGEA1	**Nemesis 4X Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
NRWNEMESI62GIS1	**Nemesis 6X SDi** – Gen 2+ "Standard Definition"
NRWNEMESI62GII1	**Nemesis 6X IDi** – Gen 2+ "Improved Definition"
NRWNEMESI6QGII1	**Nemesis 6X QSi** – Gen 2+ "Quick Silver" White Phosphor
NRWNEMESI6GGEA1	**Nemesis 6X Ghost E** – Gen 3 "Ghost" White Phosphor FOM 1400
	ACCESSORIES
ANAF18XXLR	XLR-IR A-Focal Doubler
IAIR850IR000002	IR850W Wide Angle Adjustable X Long-Range IR Illuminator
ANAM000045	Extended Rail Adapter #85
ANHC000004	Hard Shipping/ Storage Case #102 (F200)

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CO-MINI

Night Vision Clip-On System

Designed for short-to-medium range observation, the Armasight CO-MINI is the most compact commercially available Clip-On Night Vision Device. The CO-MINI uses image intensification technology and is designed to convert most low-to-mid power daytime sights, scopes, or binoculars into Night Vision devices. The CO-MINI can be mounted in seconds without tools. It can be attached in front of a day riflescope (using its quick-release Picatinny mount) or directly onto the day scope objective lens with the included adaptor.

The CO-MINI is suitable for use with most commercial and military specification daytime sights, telescopes, or binoculars (up to 6X magnification). Because the CO-MINI can be easily mounted in front of the user's existing day scope, comfort is never sacrificed, while shot release and follow-through remain accurate. It really is as simple as mount and shoot!

The Armasight CO-MINI is intended primarily for use by demanding hunters and in short-range warfare, where field of view and ease of use is more important than high magnification. Packed with innovative and important features like variable gain control, automatic bright light shut-off, and wireless remote control, the Armasight CO-MINI is designed to make quick, intuitive shooting just as easy at night as it is during the day.

The Armasight CO-Mini can be equipped with high-performance Gen 2+ and Gen 3 variants image intensifier tubes using Green phosphor or Armasight's "Quick Silver" and "Ghost" image intensifier tubes, which provide users with natural B&W Night Vision image.

- **Simple and quick conversion of daytime scope, sight or binoculars to Night Vision**
- **Mounts in front of riflescope with no re-zeroing required**
- **Equipped with Wireless Remote Control**
- **Variable Gain Control**
- **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- **Powered by a single alkaline 1.5V AA or 3V CR123A lithium battery**
- **Quick-Release Mount**
- **Mil Standard Compliant**
- **Limited Two-Year Warranty**

Magnification	1X (recommended to use with up to 6X day time optics)
Lens System	38mm; F/1.26
Field of view (°)	22
Dimensions (mm/in)	125 x 68 x 55 / 4.9 x 2.7 x 2.2
Weight (kg/lbs)	0.48 / 1.06

Part NO.	Name
	PRODUCTS FOR US MARKET
NSCCOMINI129DI1	**CO-Mini ID MG** – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSCCOMINI129DH1	**CO-Mini HD MG** – Gen 2+ "High Definition" 55-72 lp/mm , Manual Gain
NSCCOMINI1Q9DH1	**CO-Mini QS-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm, Manual Gain
NSCCOMINI139DB1	**CO-Mini 3 Bravo MG** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NSCCOMINI139DA1	**CO-Mini Ghost MG** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NSCCOMINI1G9DA1	**CO-Mini 3 Alpha MG** – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NSCCOMINI1P9DA1	**CO-Mini 3P MG** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NSCCOMINI1F9DA1	**CO-Mini FLAG MG** – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm, Manual Gain
	PRODUCTS FOR INTERNATIONAL MARKET*
NSCCOMINI129II1	**CO-Mini IDi MG** – Gen 2+ "Improved Definition", Manual Gain
NSCCOMINI129IH1	**CO-Mini HDi** – Gen 2+ "High Definition"
NSCCOMINI1Q9IH1	**CO-Mini QSi-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor, Manual Gain
NSCCOMINI1G9EA1	**CO-Mini Ghost E MG** – Gen 3 "Ghost" White Phosphor FOM 1400, Manual Gain
NSCCOMINI139EA1	**CO-Mini 3E MG** – Gen 3 High Performance FOM 1400, Manual Gain
NSCCOMINI139NA1	**CO-Mini 3N MG** – Gen 3 High Performance FOM 1600, Manual Gain
	ACCESSORIES SEE ON PAGE 38

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CO-MR

Night Vision Clip-On System

The Armasight CO-MR (Clip-On Medium Range) is one of the most advanced Night Vision clip-on systems for mid-range night shooting, and stands out from the competition when it comes to clarity, versatility, reliability, function, and value.

The Armasight CO-MR converts your existing day scope into a Night Vision device and provides excellent target acquisition and aiming capabilities for the demanding sports shooter, hunter, military, law enforcement, and security personnel. Engineered using the latest advancements in Night Vision technology, the Armasight CO-MR eliminates the traditional requirement of removing your existing day scope from your rifle to replace it with a dedicated Night Vision sight (which would also involve re-zeroing). The CO-MR simply mounts in front of your existing day scope.

Because the CO-MR is factory bore-sighted to tolerances of less than 1 MOA, no re-zeroing is required. The CO-MR allows the user to maintain consistent positioning and shooting accuracy, all while maintaining the use of a fully familiar day scope.

A wireless remote control unit can be placed anywhere on the user's weapon, allowing quick and easy activation of the CO-MR.

Recommended for use with day scopes of up to 6-7X magnification, the Armasight CO-MR is equipped with a locking, quick-disconnect mounting system that provides the user with a simple and fast way to attach or detach the CO-MR on any standard Weaver or Picatinny rail.

- **Simple and quick conversion of daytime scopes to Night Vision**
- **Mounts in front of any daytime scope, no re-zeroing required**
- **Equipped with wireless remote control**
- **Powered by a single alkaline 1.5V AA or 3V CR123A lithium battery**
- **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- **Quick-Release mount**
- **Mil standard compliant**
- **Limited Two-Year Warranty**

Magnification	1X (recommended to use with up to 6X-7X day time optics)
Lens system	80mm; F/1.2
Field of view (°)	12.6
Dimensions (mm/in)	180 x 80 x 80 / 7.1 x 3.2 x 3.2
Weight (kg/lbs)	0.69 / 1.5

Part NO.	Name
	PRODUCTS FOR US MARKET
NSCCOMR0012MDS1	**CO-MR SD MG** – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NSCCOMR0012MDI1	**CO-MR ID MG** – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSCCOMR001QMDI1	**CO-MR QS MG** – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm, Manual Gain
NSCCOMR00123DH1	**CO-MR HD** – Gen 2+ "High Definition" 55-72 lp/mm
NSCCOMR001Q3DH1	**CO-MR QS-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm
NSCCOMR00133DB1	**CO-MR 3 Bravo** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSCCOMR00133DA1	**CO-MR 3 Alpha** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSCCOMR001GMDA1	**CO-MR Ghost MG** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NSCCOMR001P3DA1	**CO-MR 3P** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
	PRODUCTS FOR INTERNATIONAL MARKET*
NSCCOMR0012MIS1	**CO-MR SDi MG** – Gen 2+ "Standard Definition", Manual Gain
NSCCOMR0012MII1	**CO-MR IDi MG** – Gen 2+ "Improved Definition", Manual Gain
NSCCOMR001QMII1	**CO-MR QSi MG** – Gen 2+ "Quick Silver" White Phosphor, Manual Gain
NSCCOMR00123IH1	**CO-MR HDi** – Gen 2+ "High Definition"
NSCCOMR001Q3IH1	**CO-MR QSi-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor
NSCCOMR001GGEA1	**CO-MR Ghost E MG** – Gen 3 "Ghost" White Phosphor FOM 1400, Manual Gain
NSCCOMR00137EA1	**CO-MR 3E MG** – Gen 3 High Performance FOM 1400, Manual Gain
NSCCOMR00137NA1	**CO-MR 3N MG** – Gen 3 High Performance FOM 1600, Manual Gain
	ACCESSORIES SEE ON PAGE 38

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NEW 2015

CO-X

Night Vision Clip-On System

The Armasight CO-X is one of the most advanced Night Vision Clip-On systems for mid-range night shooting on the market today, and truly stands out from the competition when it comes to clarity, versatility, reliability, function, and value.

The Armasight CO-X converts your existing day scope into a Night Vision device, providing excellent target acquisition and aiming capabilities for the demanding sports shooter, hunter, military professional, or law enforcement and security personnel. The CO-X simply mounts in front of your existing day scope, with no re-zeroing required.

Recommended for use with day scopes of up to 6X magnification, the Armasight CO-X is equipped with a wireless remote control unit and a locking, quick-disconnect mounting system, which provides the user with a simple, fast way to attach or detach the CO-X on any standard Weaver or Picatinny rail.

The CO-X Night Vision Clip-On System can be equipped with high-performance Gen 2+ and Gen 3 variants image intensifier tubes, using the standard Green phosphor, or Armasight's "Quick Silver" and "Ghost" options, which provide users with natural B&W images.

- **Simple, quick conversion of daytime scope to Night Vision device**
- **Mounts in front of any daytime scope, no re-zeroing required**
- **Fast Catadioptic Front Lens System**
- **Bright Light Cut-off System**
- **Manual variable gain control (MG models only)**
- **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- **Quick-Release Mount**
- **Equipped with Wireless Remote Control**
- **Powered by a single alkaline 1.5V AA or 3V CR123A lithium battery**
- **Low Battery Indicator**
- **Bright Light Indicator**
- **Limited Two-Year Warranty**

Magnification	1X
Lens System	80 mm; F/1.44
Field of view (°)	13
Dimensions (mm/in)	144 x 100 x 85 / 5.7 x 3.9 x 3.3
Weight (kg/lbs)	0.76 / 1.67

Part NO.	Name
	PRODUCTS FOR US MARKET
NSCCOX00012MDS1	**CO-X SD MG** – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NSCCOX00012MDI1	**CO-X ID MG** – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSCCOX0001QMDI1	**CO-X QS MG** – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm, Manual Gain
NSCCOX000123DH1	**CO-X HD** – Gen 2+ "High Definition" 55-72 lp/mm
NSCCOX0001Q3DH1	**CO-X QS-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm
NSCCOX000133DB1	**CO-X 3 Bravo** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSCCOX000133DA1	**CO-X 3 Alpha** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSCCOX0001GMDA1	**CO-X Ghost MG** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NSCCOX0001P3DA1	**CO-X 3P** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
	PRODUCTS FOR INTERNATIONAL MARKET*
NSCCOX00012MIS1	**CO-X SDi MG** – Gen 2+ "Standard Definition", Manual Gain
NSCCOX00012MII1	**CO-X IDi MG** – Gen 2+ "Improved Definition", Manual Gain
NSCCOX0001QMII1	**CO-X QSi MG** – Gen 2+ "Quick Silver" White Phosphor, Manual Gain
NSCCOX000123IH1	**CO-X HDi MG** – Gen 2+ "High Definition", Manual Gain
NSCCOX0001Q3IH1	**CO-X QSi-HD** – Gen 2+ "Quick Silver-High Definition" White Phosphor
NSCCOX0001GGEA1	**CO-X Ghost E MG** – Gen 3 "Ghost" White Phosphor FOM 1400, Manual Gain
NSCCOX000137EA1	**CO-X 3E MG** – Gen 3 High Performance FOM 1400, Manual Gain
NSCCOX000137NA1	**CO-X 3N MG** – Gen 3 High Performance FOM 1600, Manual Gain
	ACCESSORIES SEE ON PAGE 38

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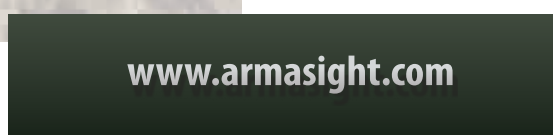

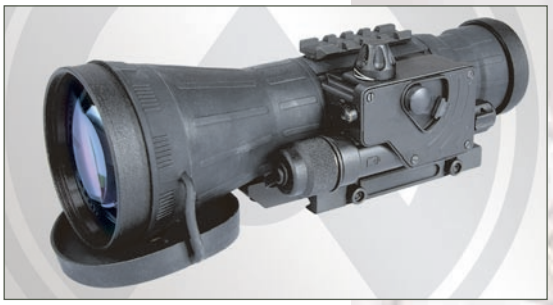

CO-LR

Night Vision Clip-On System

The Armasight CO-LR (Clip On – Long Range) is a Night Vision unit that mounts in front of any existing day scope, converting the scope into a Night Vision-capable device with a viewing range of up to 1000 yards. Suitable for use with most commercial and military specification daytime scopes (up to 12X magnification), the CO-LR can be mounted/ dismounted on any standard Picatinny rail in seconds, with no special tools required. Because the CO-LR can be mounted to an existing day scope, no re-zeroing is required. The CO-LR allows the user to maintain consistent positioning and shooting accuracy, all while maintaining the use of a fully familiar day scope.

The CO-LR is packed with innovative features like variable gain control, bright light shut-off, and wireless remote control. MIL-STD-810 housing of CO-LR is designed to take just about anything the great outdoors can throw at it.

- **Simple and quick conversion of day scope to Night Vision**
- **Mounts in front of riflescope with no re-zeroing required**
- **Equipped with wireless remote control**
- **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- **Mil standard compliant**
- **Limited Two-Year Warranty**

Magnification	1X (recommended to use with 3X - 12X daytime optics)
Lens System	108 mm; F/1.54
Field of view (°)	10
Dimensions (mm/in)	235 x 97 x 80 / 9.25 x 3.8 x 3.14
Weight (kg/lbs)	0.91 / 2

Part NO.	Name
	PRODUCTS FOR US MARKET
NSCCOLR00129DI1	**CO-LR ID MG** – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSCCOLR00129DH1	**CO-LR HD MG** – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NSCCOLR001Q9DH1	**CO-LR QS-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor 55-72 lp/mm, Manual Gain
NSCCOLR00139DB1	**CO-LR 3 Bravo MG** – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NSCCOLR00139DA1	**CO-LR 3 Alpha MG** – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NSCCOLR001G9DA1	**CO-LR Ghost MG** – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NSCCOLR001P9DA1	**CO-LR 3P MG** – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NSCCOLR001F9DA1	**CO-LR FLAG MG** – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm, Manual Gain
	PRODUCTS FOR INTERNATIONAL MARKET*
NSCCOLR00129II1	**CO-LR IDi MG** – Gen 2+ "Improved Definition"
NSCCOLR00129IH1	**CO-LR HDi MG** – Gen 2+ "High Definition", Manual Gain
NSCCOLR001Q9IH1	**CO-LR QSi-HD MG** – Gen 2+ "Quick Silver-High Definition" White Phosphor, Manual Gain
NSCCOLR001G9EA1	**CO-LR Ghost E MG** – Gen 3 "Ghost" White Phosphor FOM 1400, Manual Gain
NSCCOLR00139EA1	**CO-LR 3E MG** – Gen 3 High Performance FOM 1400, Manual Gain
NSCCOLR00139NA1	**CO-LR 3N MG** – Gen 3 High Performance FOM 1600, Manual Gain
	ACCESSORIES FOR CO-MINI, CO-MR, CO-LR, CO-X
ANAM000009	Scope Mounting System #1 25.4-30 mm Diameter (CO-Mini, CO-MR, CO-X)
ANAM000010	Scope Mounting System #2 38-42 mm Diameter (CO-Mini, CO-MR, CO-X)
ANAM000011	Scope Mounting System #3 46.7-50 mm Diameter (CO-Mini, CO-MR, CO-X)
ANAM000012	Scope Mounting System #4 56-58.7 mm Diameter (CO-Mini, CO-MR, CO-X)
ANAM000013	Scope Mounting System #6 62 mm Diameter (CO-Mini, CO-MR, CO-X)
ANAM000021	FSRS (Front Scope Rail System) #38
ANAM000045	Extended Rail Adapter #85
ANHC000004	Hard Shipping/ Storage Case #102 (F200)
ANLE3X0008	3x Magnifier with Adapter # 54 for Apollo/CO-Mini/CO-MR/Cipher
ANAF18XXLR	XLR-IR A-Focal Doubler
IAIR850IR000002	IR850W Detachable Wide Angle Adjustable X Long-Range Infrared Illuminator
ANAM000031	Weaver Type Mount #60 for CO-MR

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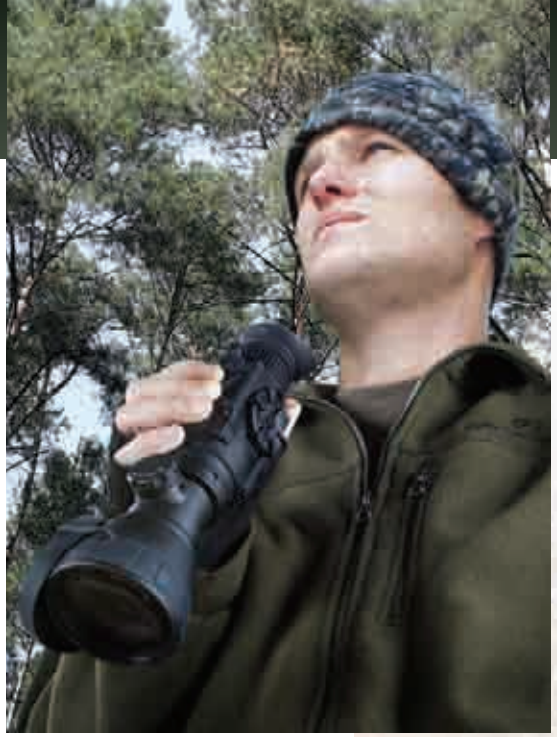
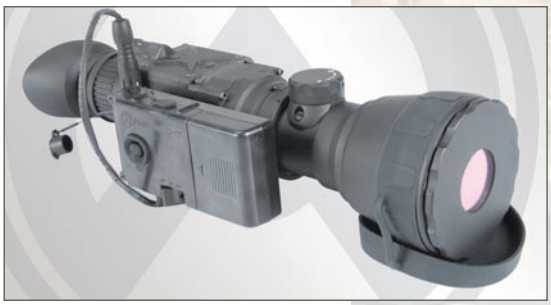
DIGITAL NIGHT VISION





NEW 2015

BIT 10X

Digital Night Vision Monocular

The Bit is a professional grade, Digital Night Vision Monocular with optical 10x magnification, making it the most powerful monocular in its class. Sensitive to both near-infrared and visible light, the high performance CCD imaging system of the Bit provides round-the-clock observation. The Bit is effective regardless of light conditions -- in daylight, in natural lighting, and at nighttime. The Bit is an ideal product for both professional and amateur use, such as hunting, security, law enforcement, general nighttime observation, and recording.

Key features include: wireless remote control, a detachable wide-angle adjustable long-range illuminator, and an optional Digital Recorder with SD card. The Bit is equipped with a standard NTSC/PAL video input/ output function that makes it possible to connect to an external video monitor, or to record images for field documentation or training purposes. The device uses the same multi-pin connector to connect the optional digital video recorder and external power access.

Whether you want to use it for camping, hunting, law enforcement, boating, or security, the Armasight Bit will help you look out into the night, revealing a whole new world previously hidden by darkness.

- **High-performance CCD camera**
- **Bright-light tolerance**
- **Auto-switching of color modes at a certain level of light**
- **Lightweight and robust design**
- **Rapid start-up**
- **Easy to operate**
- **Manually adjustable eyepiece and objective lens**
- **Real-time display**
- **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- **Wireless remote control**
- **Analog video input (NTSC/PAL) and output (PAL)**
- **Digital video recorder with SD card (optional)**
- **Up to 3 hours of operation on two lithium batteries**
- **External power supply (optional)**
- **Filled with dry nitrogen to prevent internal fogging**
- **Water-resistant**
- **Limited Two-Year Warranty**

Sensor Type	High-rate High Resolution Near-IR Hypersensitive CCD
Magnification	10X
Field of view (°)	2.6 x 2
Dimensions (mm/in)	254 x 76 x 76 / 10.0 x3.0 x 3.0
Weight (kg/lbs)	0.84 / 1.85

Part NO.	Name
DAMBITBBX10PAL1	**Bit 10X** - High Performance 10x Digital Night Vision Monocular Resolution 752x582 comes with XLR-IR850 X Long-Range Infrared Illuminator
	ACCESSORIES
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder for High Performance Digital Devices
ANAF18XXLR	XLR-IR A-Focal Doubler - Doubles the distance of XLR-IR850 IR beam
ATAM000004	Recorder DT - Digital Recorder for all Armasight High Performance Digital Devices
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries for all Armasight High Performance Digital Devices

NEW 2015

JANUS 10X

Digital Night Vision Bi-Oculars

If you need professional grade Digital Night Vision bi-ocular for law enforcement use, bird watching, hunting, security, nature observation, or water sports, look no further – the Armasight Janus has arrived. The Janus is a professional Digital Night Vision Bi-Ocular with optical 10x magnification.

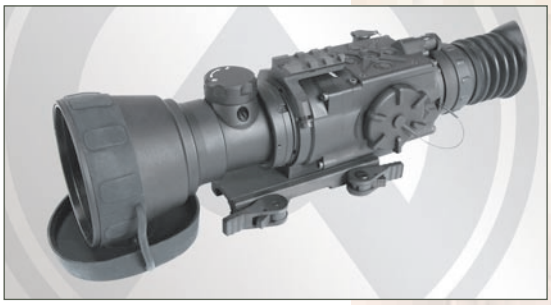
Sensitive to both near-infrared and visible light, the high performance CCD imaging system of the Janus provides round-the-clock observation. The Janus is effective regardless of light conditions -- in daylight, natural lighting, and at nighttime.

Key features include: wireless remote control, detachable wide-angle adjustable long-range illuminator, and an optional Digital Recorder with SD card. The Janus is equipped with a standard NTSC/PAL video input/ output function that makes it possible to connect to an external video monitor, or to record images for field documentation or training purposes. The device uses the same multi-pin connector to connect the optional digital video recorder and external power access.

- **High-performance CCD camera**
- **Bright-light tolerance**
- **Auto-switching of color modes at a certain level of light**
- **Lightweight and robust design**
- **Rapid start-up**
- **Easy to operate**
- **Manually adjustable eyepiece and objective lens**
- **Real-time display**
- **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- **Wireless remote control**
- **Analog video input (NTSC/PAL) and output (PAL)**
- **Digital video recorder with SD card (optional)**
- **Up to 3 hours of operation on two lithium batteries**
- **External power supply (optional)**
- **Filled with dry nitrogen to prevent internal fogging**
- **Water-resistant**
- **Limited Two-Year Warranty**

Sensor Type	High-rate High Resolution Near-IR Hypersensitive CCD
Magnification	10X
Field of view (°)	2.6 x 2
Dimensions (mm/in)	316 x 100 x 76 / 12.4 x3.9 x 3.0
Weight (kg/lbs)	1.04 / 2.29

Part NO.	Name
DABJANBBX10PAL1	**Janus 10X -** High Performance 10x Digital Night Vision Binocular Resolution 752x582 comes with XLR-IR850 X Long-Range Infrared Illuminator
	ACCESSORIES
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder for High Performance Digital Devices
ANAF18XXLR	XLR-IR A-Focal Doubler - Doubles the distance of XLR-IR850 IR beam
ATAM000004	Recorder DT - Digital Recorder for all Armasight High Performance Digital Devices
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries for all Armasight High Performance Digital Devices



NEW 2015

DRONE PRO 10X

Digital Night Vision Riflescope

The Drone Pro professional Digital Night Vision Riflescope is one of the most advanced scopes in its class. Sensitive to both near-infrared and visible light, the high performance CCD imaging system of the Drone PRO provides round-the-clock and all weather target detection and discrimination. The Drone PRO is effective regardless of light conditions - in daylight, natural lighting, and at nighttime. Drone Pro scope is an ideal product for professional and amateur use, such as for hunting, security, sports shooting, and nighttime observation.

Key features include: wireless remote control, detachable wide angle adjustable long-range illuminator, and a quick-release Picatinny mount with locks. The Drone PRO is equipped with a standard NTSC/PAL video input/ output function that makes it possible to connect to an external video monitor, or to record images for field documentation or training purposes. The device uses the same multi-pin connector to connect the optional digital video recorder and external power access.

To accommodate individual user needs, the Drone PRO has a variety of digitally controlled options, including customizable display brightness, reticle pattern, and reticle color.

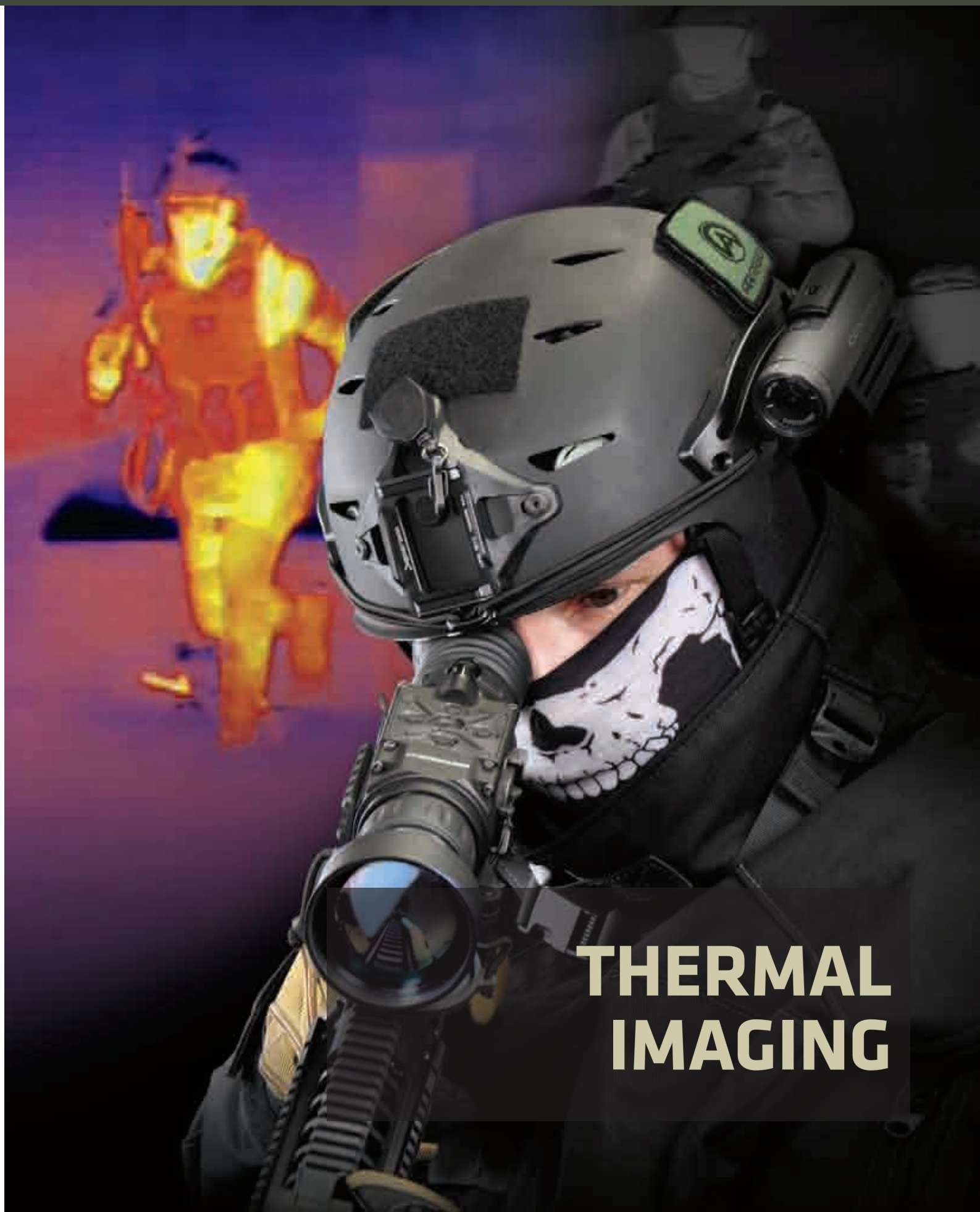
The quick-release mount of the Drone PRO fits any Picatinny, MIL-STD-1913, or Weaver weapon rail. The mount's lever-cam clamping device ensures easy, quick, and reliable mounting and removal.

Whether you want to use it for camping, hunting, boating, or security, the Armasight Drone will help you see the nocturnal world with crystalline clarity.

- **High-performance CCD camera**
- **Bright-light tolerance**
- **Lightweight and robust design**
- **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- **Rapid start-up**
- **Manually adjustable eyepiece and objective lens**
- **Real-time display**
- **Current operational state information display**
- **Wireless remote control**
- **Analog video input (NTSC/PAL) and output (PAL)**
- **Digital video recorder (optional)**
- **Up to 3 hours of operation on two lithium batteries**
- **External power supply (optional)**
- **Filled with dry nitrogen to prevent internal fogging**
- **Water-resistant**
- **Limited Two-Year Warranty**

Sensor Type	High-rate High Resolution Near-IR Hypersensitive CCD
Magnification	10X
Field of view (°)	2.6 x 2
Dimensions (mm/in)	260 x85 x 76 / 10.2 x3.4 x 3.0
Weight (kg/lbs)	1.02 / 2.2

Part NO.	Name
DARDROPBB10PAL1	**Drone Pro 10X** - High Performance 10x Digital Night Vision Riflescope Resolution 752x582 comes with XLR-IR850 X Long-Range Infrared Illuminator
	ACCESSORIES
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder for High Performance Digital Devices
ANAF18XXLR	XLR-IR A-Focal Doubler - Doubles the distance of XLR-IR850 IR beam
ATAM000004	Recorder DT - Digital Recorder for all Armasight High Performance Digital Devices
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries for all Armasight High Performance Digital Devices
ANAM000045	Extended Rail Adapter #85
ANHC000004	Hard Shipping/ Storage Case #102 (F200)



THERMAL IMAGING

PROMETHEUS

Thermal Imaging Monocular

Armasight Prometheus is the latest and most technologically advanced thermal imaging monocular to enter the sporting, law enforcement, and military markets. The Prometheus product line is based on the latest FLIR Tau 2 VOx microbolometer core, and is available in a variety of models – each optimizing performance, price, and state-of-the-art technology for myriad uses and mission applications.

The Prometheus is a solid state, uncooled, long-wave infrared, magnified, dedicated handheld thermal imager intended for day and night engagements.

The 24/7 mission capability is only one of the strengths of Prometheus. The thermal imaging technology also allows you to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants. Unlike the use of laser targeting or near-infrared illumination to augment Night Vision equipment, the Prometheus thermal imager is extremely difficult to detect with other devices, as it emits no visible light or RF energy.

- **Digital E-Zoom: 1x, 2x, 4x, and 8x**
- **Color Modes: White Hot/ Black Hot/ Rainbow/ Various Color modes**
- **Extended operation time with optional external battery power supply**
- **Recording: video output /optional Video Recorder with onboard replay**
- **Waterproof, CNC machined aircraft-aluminum alloy construction**
- **Rapid start-up**
- **Made in the USA**

Model	Prometheus 336 3-12x42	Prometheus 336 5-20x75	Prometheus 640 2-16x42	Prometheus 640 3-24x75
Magnification	3x - 12x	5x - 20x	2x - 16x	3x - 24x
Lens System	42mm; F/1.0	75mm; F/1.3	42mm; F/1.0	75mm; F/1.3
Dimensions (mm/ in)	194×68×62 / 7.6×2.7×2.4	214×68×68 / 8.4×2.7×2.7	194×68×62 / 7.6×2.7×2.4	214×68×68 / 8.4×2.7×2.7
Weight (kg/lbs)	0.55 / 1.2	0.65 / 1.4	0.55 / 1.2	0.65 / 1.4

Part NO.	Name
	PRODUCTS FOR US MARKET
TAT173MN4PROM31	**Prometheus 336 3-12x42 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 42mm Lens
TAT176MN4PROM31	**Prometheus 336 3-12x42 (60 Hz)** FLIR Tau 2 - 336x256 (17µm) 60Hz, 42mm Lens
TAT173MN7PROM51	**Prometheus 336 5-20x75 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 75mm Lens
TAT176MN7PROM51	**Prometheus 336 5-20x75 (60 Hz)** FLIR Tau 2 - 336x256 (17µm) 60Hz, 75mm Lens
TAT163MN4PROM21	**Prometheus 640 2-16x42 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 42mm Lens
TAT166MN4PROM21	**Prometheus 640 2-16x42 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 42mm Lens
TAT163MN7PROM31	**Prometheus 640 3-24x75 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 75mm Lens
TAT166MN7PROM31	**Prometheus 640 3-24x75 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 75mm Lens
	PRODUCTS FOR INTERNATIONAL MARKET*
TAT179MN4PROM31	**Prometheus 336 3-12x42 (9 Hz)** FLIR Tau 2 - 336x256 (17µm) 9Hz, 42mm Lens
TAT173MN4PROM31	**Prometheus 336 3-12x42 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 42mm Lens
TAT179MN7PROM51	**Prometheus 336 5-20x75 (9 Hz)** FLIR Tau 2 - 336x256 (17µm) 9Hz, 75mm Lens
TAT173MN7PROM51	**Prometheus 336 5-20x75 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 75mm Lens
TAT169MN4PROM21	**Prometheus 640 2-16x42 (9 Hz)** FLIR Tau 2 - 640x512 (17µm) 9Hz, 42mm Lens
TAT163MN4PROM21	**Prometheus 640 2-16x42 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 42mm Lens
TAT169MN7PROM31	**Prometheus 640 3-24x75 (9 Hz)** FLIR Tau 2 - 640x512 (17µm) 9Hz, 75mm Lens
TAT163MN7PROM31	**Prometheus 640 3-24x75 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 75mm Lens
	ACCESSORIES
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder
ATAM000004	Recorder DT - Digital Recorder
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

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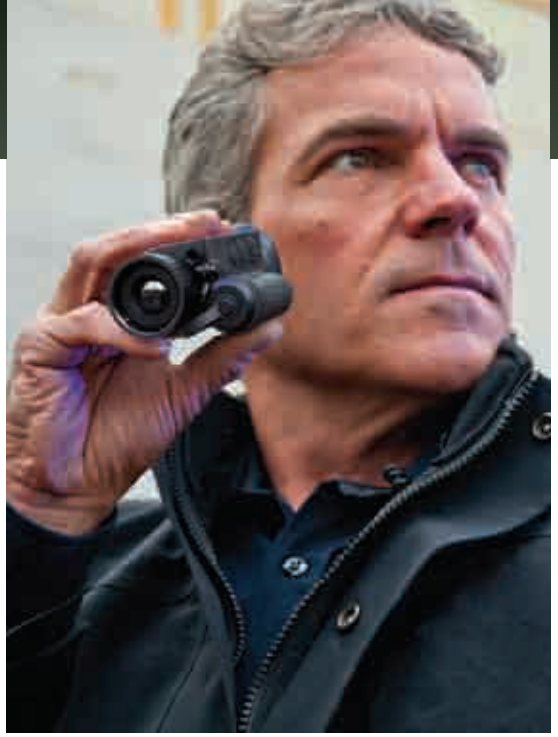
NEW 2015

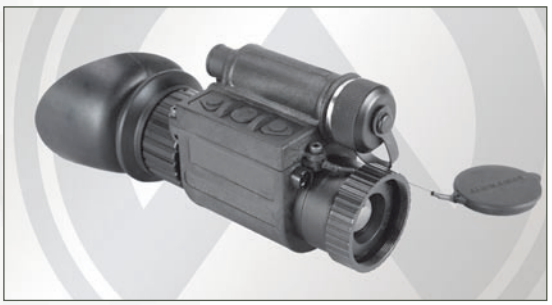
PROMETHEUS MINI

Thermal Imaging Monocular



Armasight is proud to introduce the Prometheus Mini Long-wave Infrared Thermal Imaging Monocular, representing the latest evolution in our never-ceasing quest to reduce size and weight, while maximizing power, available features, and functionality. The Prometheus Mini's remarkably compact size ensures that it can be concealed in a shirt pocket, and its featherweight mass of 230g makes it the lightest thermal imager currently on the market. Equipped with a digital compass and inclinometer, the Prometheus Mini offers the operator the tools necessary to accurately determine distance-to-target and target orientation.

Additionally, Armasight's proprietary hyper-image processing (HIP) code provides the Prometheus Mini with a robust library of software features to tailor images to the operator's required optimum standards. The wireless remote and Bluetooth© capabilities prevent the Prometheus Mini from becoming obsolete, even as new applications and software hit the market. The Prometheus Mini is designed from inception to be waterproof up to 20 meters, and meet all of the established environmental requirements of MIL-STD-810(G). The Prometheus Mini demonstrates its operational flexibility for all mission applications.



- **FLIR Quark 2 17-micron pixel Uncooled VOx Microbolometer in 640 and 336 options**
- **Fast F 1:1 19mm front Germanium Lens**
- **800 x 600 Organic LED Display**
- **2X/ 4X/ 8X Zoom with 640x512 (2X/ 4X Zoom with 336 x 284)**
- **Digital Detail Enhancement™**
- **Active Contrast Enhancement™**
- **Smart Scene Optimization™**
- **Silent Shutterless Non-uniformity Correction™**
- **Fast Time to Image (< 3 sec)**
- **Drop-down menu and icon based menu**
- **Simple, intuitive 3-button control**
- **NTSC/ PAL field switchable video output**
- **Integrated Digital Compass**
- **Integrated Digital Inclinometer**
- **One CR123A battery operation**
- **Weight 230g**
- **MIL-810G rugged, waterproof glass fiber reinforced construction**
- **Made in the USA**

Magnification	Unity (1x)
Lens System	19 mm; F/1.0
Dimensions (mm/in)	100 x 63 x 40 / 3.94 x 2.48 x 1.57
Weight (kg/lbs)	0.23 / 0.52

Part NO.	Name
	PRODUCTS FOR INTERNATIONAL MARKET
TAT179TIMMMPRO1	**Prometheus Mini 336 (9Hz)** – FLIR QUARK - 336x256 (17µm) 9Hz Core
TAT169TIMMMPRO1	**Prometheus Mini 640 (9Hz)** – FLIR QUARK - 640x512 (17µm) 9Hz Core
	ACCESSORIES
	2X A-focal doubler
ATAM000004	Recorder DT - Digital Recorder
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

NEW 2015

Q14

Multifunctional Thermal Imaging Mini Monocular

Armasight is proud to introduce the Q14 Long-wave Infrared Multifunctional Thermal Imaging Monocular (LIMTIM) representing the latest evolution in our never-ceasing quest to reduce size, weight, and power (SWaP) while maximizing the number of available features and functions. The LIMTIM's remarkably compact size ensures that it can be concealed in a shirt pocket, and its featherweight mass at 240g (with battery) makes it the lightest, fully multi-functional thermal imager currently on the market. The LIMTIM has a wide range of features incorporated into the unit that put it at the forefront of all other miniature thermal imagers in its class. It can be equipped with either a visible or near-IR laser pointer, intended for handing off targets of interest to non-thermal equipped assets in the field. It has two integral rail mounts so that it is not necessary to disengage the head/ helmet mount interface in order to mount the unit on a weapon as a stand-alone short-range weapon sight. The mini-rail design allows for mounting on a wide variety of in-service head mounts, helmet mounts, reflex cameras, digital video recorders, and a MIL-STD-1913 weapon rail systems using the optional quick-release interfaces. The mini-rails are non-invasive, making handheld operation comfortable and ergonomically optimized for the operator's hands, whether or not they're wearing NOMEX gloves. Equipped with digital compass and inclinometer, the Q14 LIMTIM offers the operator the tools necessary to interpolate accurate distance to target and target orientation.

An additional Armasight proprietary hyper-image processing (HIP) code provides the LIMTIM with a robust library of software features to tailor the image to the optimum standards required by the operator. These features include direct button functions such as display brightness, palette selection, electronic zoom, and manual, non-uniformity correction (NUC) using a simple, intuitive three-button keypad. Menu driven features incorporate desirable operator-specific adjustments such as palette selection, reticule selection and color, weapon boresight, scene-related imaging corrections, stored rifle caliber profiles, format selection, compass calibration sequence, and a "factory settings" default option. The wireless remote capability and Bluetooth© features prevent the Q14 LIMTIM from becoming obsolete, even as new applications and software reach the market. The nine-pin connector on the Q14 reveals the dynamic nature of this mite-sized powerhouse. Through the multi-pin connector, the operator can record video using the Armasight Digital Video Recorder (DVR), augment the battery life by attaching to external battery options, inject target range data from an externally mounted Armasight laser rangefinder and update/ upload new software revision and applications from personal accounts associated with the Armasight customer access web sites.

The Q14 LIMTIM is designed from inception to be waterproof up to 20 meters, and meet all the established environmental requirements of MIL-STD-810(G).

Operating off a variety of 123A format commercial expendable and rechargeable batteries, the Q14 LIMTIM offers a respectable 1+ hours run time for the 640x512 focal plane array format. With a diopter range of -5 to +5 diopters and a focus range of 20cm to infinity, the LIMTIM demonstrates its operational flexibility for all mission applications.

- **Weight 240 g**
- **MIL-810G rugged, waterproof glass fiber reinforced construction**
- **FLIR Quark 2 VOx Microbolometer in 640 and 336 options**
- **Fast F 1:1 19mm front Germanium Lens**
- **800x600 Organic LED Display**
- **Drop-down menu and icon based menu**
- **Simple, intuitive 3-button control**
- **Polarity Control (black hot/ white hot)**
- **Color & Monochrome Palettes**
- **Digital Zoom up to 8x**
- **Digital Detail Enhancement™**
- **Active Contrast Enhancement™**
- **Smart Scene Optimization™**
- **Silent Shutterless Non-uniformity Correction™**
- **Integrated Digital Compass**
- **Integrated Laser Pointer**

- **Integrated Digital Inclinometer**
- **NTSC/PAL field switchable video output**
- **Easy adaptability to wide selection of head, helmet, and weapon mounts with QuickRail/ Dove Tail/ Bayonet interfaces (i.e. Armasight, Wilcox, Norotos, Cadex)**
- **Fast Time to Image (< 3 sec)**
- **One CR123A battery operation**
- **Made in the USA**

Q14-336 STANDARD KIT INCLUDES:

- Armasight Q14 thermal imaging monocular
- Goggle Kit
- QRM - Quick-Release Picatinny Mount Adapter
- Shutter Eyeguard
- Advanced Wireless 5-button Remote with Picatinny Adapter
- Video Cable
- Operator Manual
- Quick Reference Guide
- Lens Tissue
- Soft Carry Case

Q14-640 STANDARD KIT INCLUDES:

- Armasight Q14 thermal imaging monocular
- Wilcox L4 G24 Mount
- Wilcox L4 Three Hole Shroud
- Crye Precision NightCap™
- QRM - Quick-Release Picatinny Mount Adapter
- Shutter Eyeguard
- Advanced Wireless 5-button Remote with Picatinny Adapter
- Video Cable
- Operator Manual
- Quick Reference Guide
- Lens Tissue
- Soft Carry Case

OPTIONAL ACCESSORIES:

- 2X A-focal doubles
- Recorder DT - Digital Video Recorder
- Extended Battery Pack with Rechargeable Batteries
- AMRF2200 - Advance Modular Range Finder
- Tactical Goggle Kit: Wilcox L4 G24 and 3 Hole Shroud, Crye Precision Nightcap, and Swing Arm
- Hard Shipping/ Storage Case
- Wilcox NVG Lanyard

Magnification	Unity (1x)
Lens System	19 mm; F/1.0
Dimensions (mm/in)	100 x 63 x 40 / 3.94 x 2.48 x 1.57
Weight (kg/lbs)	0.23 / 0.52

Part NO.	Name
	PRODUCTS FOR US MARKET
TAT173TIMMWS001	**Q14 TIMM 336 (30Hz)** – FLIR QUARK - 336x256 (17µm) 30Hz Core
TAT176TIMMWS001	**Q14 TIMM 336 (60Hz)** – FLIR QUARK - 336x256 (17µm) 60Hz Core
TAT163TIMMWS001	**Q14 TIMM 640 (30Hz)** – FLIR QUARK - 640x512 (17µm) 30Hz Core w/Tactical Goggle Kit included
TAT166TIMMWS001	**Q14 TIMM 640 (60Hz)** – FLIR QUARK - 640x512 (17µm) 60Hz Core w/Tactical Goggle Kit included
	PRODUCTS FOR INTERNATIONAL MARKET*
TAT173TIMMWS001	**Q14 TIMM 336 (30Hz)** – FLIR QUARK - 336x256 (17µm) 30Hz Core
TAT163TIMMWS001	**Q14 TIMM 640 (30Hz)** – FLIR QUARK - 640x512 (17µm) 30Hz Core w/Tactical Goggle Kit included
	ACCESSORIES
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder
ANHGWX0G70	Tactical Goggle Kit: Wilcox L4 G24 and 3 Hole Shroud, Crye Precision Nightcap, and Swing Arm #172
ATAM000004	Recorder DT - Digital Recorder
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

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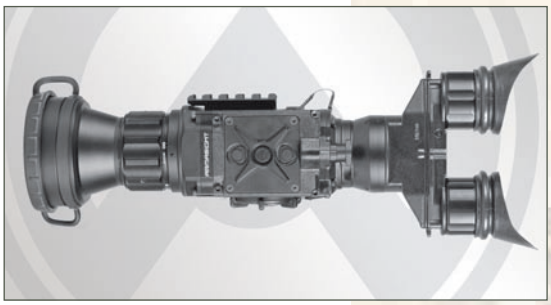

HELIOS

Thermal Imaging Bi-Oculars

The Armasight Helios line is the latest and most technologically advanced family of thermal imaging bi-oculars on the market today. Bi-ocular design is better for sustained viewing periods and improved depth perception. The Helios product line is based on the latest FLIR Tau 2 VOx microbolometer core, and includes a variety of different models, each optimizing performance, price, and state-of-the-art technology for a variety of uses and mission applications. The Helios is a solid state, uncooled, long-wave infrared, magnified, dedicated handheld thermal imager intended for day and nighttime missions.

The 24/7 mission capability is just one of the many strengths this product line has to offer. Thermal imaging technology also allows you to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants. Unlike the use of laser targeting or near-infrared illumination to augment Night Vision equipment, Helios thermal imagers are extremely difficult to detect with other devices, as they emit no visible light or RF energy.

Armasight is convinced that the Helios thermal imaging bi-ocular represents one of the most sophisticated devices on the market today, due to its superior price-to-performance value.

- **The lightest and most compact scope in its class**
- **Easy and Intuitive Drop-down user interface**
- **Digital E-Zoom: 1x, 2x, 4x, and 8x**
- **Color Modes: White Hot/ Black Hot/ Rainbow/ Various Color modes**
- **Extended operation time with optional external battery power supply**
- **Recording: video output /optional Video Recorder with onboard replay**
- **Waterproof, CNC machined aircraft-aluminum alloy construction**
- **Rapid start-up**
- **Made in the USA**

Model	Helios 336 3-12x42	Helios 336 5-20x75	Helios 640 2-16x42	Helios 640 3-24x75
Magnification	3x - 12x	5x - 20x	2x - 16x	3x - 24x
Lens System	42mm; F/1.0	75mm; F/1.3	42mm; F/1.0	75mm; F/1.3
Dimensions (mm/in)	238×100×62 / 9.4×3.9×2.4	258×100×68 / 10.1×3.9×2.7	238×100×62 / 9.4×3.9×2.4	258×100×68 / 10.1×3.9×2.7
Weight (kg/lbs)	0.8 / 1.8	0.9 / 2	0.8 / 1.8	0.9 / 2

Part NO.	Name
	PRODUCTS FOR US MARKET
TAT173BN4HELI31	**Helios 336 3-12x42 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 42mm Lens
TAT176BN4HELI31	**Helios 336 3-12x42 (60 Hz)** FLIR Tau 2 - 336x256 (17µm) 60Hz, 42mm Lens
TAT173BN7HELI51	**Helios 336 5-20x75 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 75mm Lens
TAT176BN7HELI51	**Helios 336 5-20x75 (60 Hz)** FLIR Tau 2 - 336x256 (17µm) 60Hz, 75mm Lens
TAT163BN4HELI21	**Helios 640 2-16x42 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 42mm Lens
TAT166BN4HELI21	**Helios 640 2-16x42 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 42mm Lens
TAT163BN7HELI31	**Helios 640 3-24x75 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 75mm Lens
TAT166BN7HELI31	**Helios 640 3-24x75 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 75mm Lens
	PRODUCTS FOR INTERNATIONAL MARKET*
TAT179BN4HELI31	**Helios 336 3-12x42 (9 Hz)** FLIR Tau 2 - 336x256 (17µm) 9Hz, 42mm Lens
TAT173BN4HELI31	**Helios 336 3-12x42 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 42mm Lens
TAT179BN7HELI51	**Helios 336 5-20x75 (9 Hz)** FLIR Tau 2 - 336x256 (17µm) 9Hz, 75mm Lens
TAT173BN7HELI51	**Helios 336 5-20x75 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 75mm Lens
TAT169BN4HELI21	**Helios 640 2-16x42 (9 Hz)** FLIR Tau 2 - 640x512 (17µm) 9Hz, 42mm Lens
TAT163BN4HELI21	**Helios 640 2-16x42 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 42mm Lens
TAT169BN7HELI31	**Helios 640 3-24x75 (9 Hz)** FLIR Tau 2 - 640x512 (17µm) 9Hz, 75mm Lens
TAT163BN7HELI31	**Helios 640 3-24x75 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 75mm Lens
	ACCESSORIES
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder
ATAM000004	Recorder DT - Digital Recorder
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

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NEW 2015

HELIOS HD

Thermal Imaging Bi-Oculars

The Armasight Helios HD is a family of Thermal Imaging bi-oculars with professional 75mm and 100mm Germanium (Ge) objective lenses. The bi-ocular design is better for sustained viewing periods and improved depth perception. The Helios product line is based on the latest FLIR Tau 2 VOx microbolometer core technology, and includes a variety of different models, each optimizing performance, price, and state-of-the-art capabilities for a variety of uses and missions. The Helios is a solid-state, uncooled, long-wave infrared, magnified, dedicated handheld thermal imager intended for day and nighttime missions.

Prometheus HD Thermal Imaging bi-oculars are characterized by their simple but intuitive controls, functions, and features that are layered among direct button adjustments, direct combination button functions, and electronic menu selections. The Prometheus has the ability to record imagery and is equipped with video-out capabilities.

The Helios Thermal Imaging bi-ocular represents one of the most sophisticated devices for long-range observation on the market today, due to its superior price-to-performance value.

- **75mm and 100mm Objective Germanium Lens Options**
- **Easy and intuitive Drop-down user interface**
- **Digital E-Zoom: 1x, 2x, 4x, and 8x**
- **Color Modes: White Hot/ Black Hot/ Rainbow/ Various Color Modes**
- **Extended Operation Time with Optional External Battery Power Supply**
- **Recording: Video Output /Optional Video Recorder with onboard replay**
- **Wireless remote control**
- **Waterproof, CNC machined aircraft-aluminum alloy construction**
- **Rapid start-up**
- **Made in the USA**

Model	Helios 336 HD 5-20x75	Helios 336 HD 8-32x100	Helios 640 HD 3-24x75	Helios 640 HD 4-32x100
Magnification	5x - 20x	8x - 32x	3x - 24x	4x -32x
Lens System	75mm; F/1	100mm; F/1	75mm; F/1	100mm; F/1
Dimensions (mm/in)	277x102x100 / 10.9x4.0x3.9	294x137x137 / 11.6x5.4x5.4	277x102x100 / 10.9x4.0x3.9	294x137x137 / 11.6x5.4x5.4
Weight (kg/lbs)	1.28 / 2.8	1.87 4.1	1.28 / 2.8	1.87 4.1

Part NO.	Name
	PRODUCTS FOR US MARKET
TAT173BN7HDHL51	**Helios 336 HD 5-20x75 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 75mm Lens
TAT176BN7HDHL51	**Helios 336 HD 5-20x75 (60 Hz)** FLIR Tau 2 - 336x256 (17µm) 60Hz, 75mm Lens
TAT173BN1HDHL81	**Helios 336 HD 8-32x100 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 100mm Lens
TAT176BN1HDHL81	**Helios 336 HD 8-32x100 (60 Hz)** FLIR Tau 2 - 336x256 (17µm) 60Hz, 100mm Lens
TAT163BN7HDHL31	**Helios 640 HD 3-24x75 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 75mm Lens
TAT166BN7HDHL31	**Helios 640 HD 3-24x75 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 75mm Lens
TAT163BN1HDHL41	**Helios 640 HD 4-32x100 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 100mm Lens
TAT166BN1HDHL41	**Helios 640 HD 4-32x100 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 100mm Lens
	PRODUCTS FOR INTERNATIONAL MARKET*
TAT173BN7HDHL51	**Helios 336 HD 5-20x75 (9Hz)** FLIR Tau 2 - 336x256 (17µm) 9Hz, 75mm Lens
TAT173BN1HDHL81	**Helios 336 HD 8-32x100 (9 Hz)** FLIR Tau 2 - 336x256 (17µm) 9Hz, 100mm Lens
TAT163BN7HDHL31	**Helios 640 HD 3-24x75 (9 Hz)** FLIR Tau 2 - 640x512 (17µm) 9Hz, 75mm Lens
TAT163BN1HDHL41	**Helios 640 HD 4-32x100 (9 Hz)** FLIR Tau 2 - 640x512 (17µm) 9Hz, 100mm Lens
TAT173BN7HDHL51	**Helios 336 HD 5-20x75 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 75mm Lens
TAT173BN1HDHL81	**Helios 336 HD 8-32x100 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 100mm Lens
TAT163BN7HDHL31	**Helios 640 HD 3-24x75 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 75mm Lens
TAT163BN1HDHL41	**Helios 640 HD 4-32x100 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 100mm Lens
	ACCESSORIES
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder
ATAM000004	Recorder DT - Digital Recorder
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

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ZEUS

Thermal Imaging Weapon Sights

Armasight is excited to introduce its latest and most technologically advanced family of Zeus thermal imaging weapon sights to the sporting, law enforcement, and military markets. The Zeus product line is based on the latest FLIR Tau 2 VOx microbolometer core. Each model of the line has optimizing performance, price, and state-of-the-art technology for a variety of uses and mission applications ranging from the seriously committed hunter to the military designated marksman. While primarily designed as a weapon scope, the Zeus functions equally well in its collateral assignments as a magnified spotting scope or handheld thermal imager.

The Zeus is a solid state, uncooled, long-wave infrared, magnified dedicated weapon scope intended for day and night engagements without the need to remove the sight from the rifle. The 24/7 mission capability is just one of its many strengths. Thermal imaging technology also allows you to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants. Unlike the use of laser targeting or near-infrared illumination to augment Night Vision equipment, the Zeus thermal imaging weapon sight is extremely difficult to detect with other devices, as it emits no visible light or RF energy.

In addition to being the smallest and lightest in their class, Zeus thermal imaging weapon sights are characterized by their simple and intuitive controls, functions, and features that are layered among direct button adjustments, direct combination button functions, and electronic menu selections. This "layering" of easy-to-understand control functions provides the operator with a framework for customizing his preferences and exploiting the robust variety of setting options available in the Zeus. The Zeus has a unique series of menu selectable temperature sensitive "scenarios" for rapid target detection, in addition to a variety of color display presentations based on a rich, upgradeable software package. A wireless remote switch is included to activate the Zeus thermal imaging weapon sight when positioned in the "standby" mode. The Zeus has the ability to record imagery and is equipped with a video-out capability in operator selectable NTSC or PAL formats. The Zeus uses the same multi-pin connector to provide video-in imagery, where there is a need for map or rangefinder display overlays, and external power access.

Zeus weapon installation is easy, repeatable, and reliable based on a unique and highly user-friendly MIL-STD-1913/ Weaver/ Picatinny rail-compatible, quick-release locking mechanism. The solid state technology and software algorithms, combined with a complementary color reticle platform, ensures maximum reticle contrast, high-level target accuracy, and boresight retention that cannot be achieved with mechanical boresight adjusters and traditional ballistic drums. This level of accuracy is translated into the electronic zoom (e-zoom) function of the Zeus thermal imaging weapon sights, which can be progressively increased from 1x to 2x to 4x and 8x, without changing the point-of-aim to point of-impact relationship of the targeting reticle.

The Zeus thermal imaging weapon sight represents one of the most sophisticated sighting devices available in today's market to hunters, SWAT teams, and military personnel, due to its superior price-to-performance value.

Model	Zeus 336 3-12x42	Zeus 336 5-20x75	Zeus 640 2-16x42	Zeus 640 3-24x75
Magnification	3x - 12x	5x - 20x	2x - 16x	3x - 24x
Lens System	42mm; F/1.0	75mm; F/1.3	42mm; F/1.0	75mm; F/1.3
Dimensions (mm/in)	194×68×78 7.6×2.7×3.1	214×68×78 8.4×2.7×3.1	194×68×78 7.6×2.7×3.1	214×68×78 8.4×2.7×3.1
Weight (kg/lbs)	0.7 / 1.5	0.8 / 1.8	0.7 / 1.5	0.8 / 1.8

- **The lightest and most compact scope in its class**
- **User selectable NTS C or PAL format**
- **Easy and Intuitive Drop-down user interface**
- **Digital E-Zoom: 1x, 2x, 4x, and 8x**
- **Color Modes: White Hot/ Black Hot/ Rainbow/ Various Color modes**
- **6 onboard digitally controlled reticle patterns available: "Dot 4 MOA," "Line Dot." "Cross-Center Dot," "Cross," "Crosshair," and "No Reticle"**
- **Reticle Colors: Black, White, Red, and Cyan**
- **Extended operation time with optional external battery power supply**
- **Recording: video output/ optional Video Recorder with onboard replay**
- **Hunting scenario algorithms for optimized performance (Hog, Coyote, Mountain Lion, etc.)**
- **Wireless remote control for tactical operations**
- **Waterproof, CNC machined aircraft-aluminum alloy construction**
- **Rapid start-up**
- **MIL-STD-1913 (Picatinny Rail) Quick-Release Mount**
- **Shuttered eyeguard to prevent facial display backsplash and maintain light security**
- **Made in the USA**

Part NO.	Name
	PRODUCTS FOR US MARKET
TAT173WN4ZEUS31	**Zeus 336 3-12x42 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 42mm Lens
TAT176WN4ZEUS31	**Zeus 336 3-12x42 (60 Hz)** FLIR Tau 2 - 336x256 (17µm) 60Hz, 42mm Lens
TAT173WN7ZEUS51	**Zeus 336 5-20x75 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 75mm Lens
TAT176WN7ZEUS51	**Zeus 336 5-20x75 (60 Hz)** FLIR Tau 2 - 336x256 (17µm) 60Hz, 75mm Lens
TAT163WN4ZEUS21	**Zeus 640 2-16x42 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 42mm Lens
TAT166WN4ZEUS21	**Zeus 640 2-16x42 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 42mm Lens
TAT163WN7ZEUS31	**Zeus 640 3-24x75 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 75mm Lens
TAT166WN7ZEUS31	**Zeus 640 3-24x75 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 75mm Lens
	PRODUCTS FOR INTERNATIONAL MARKET*
TAT173WN4ZEUS31	**Zeus 336 3-12x42 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 42mm Lens
TAT173WN7ZEUS51	**Zeus 336 5-20x75 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 75mm Lens
TAT163WN4ZEUS21	**Zeus 640 2-16x42 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 42mm Lens
TAT163WN7ZEUS31	**Zeus 640 3-24x75 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 75mm Lens
	ACCESSORIES
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder
ATAM000004	Recorder DT - Digital Recorder
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANAM000045	Extended Rail Adapter #85

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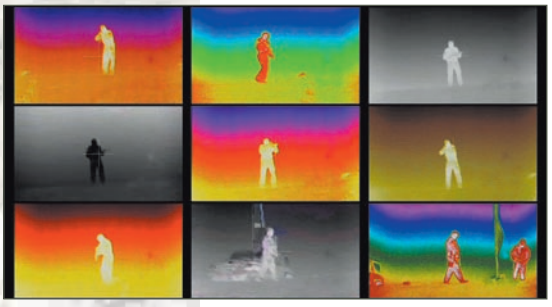

NEW 2015

ZEUS PRO

Thermal Imaging Weapon Sights

The Zeus Pro family of Thermal Weapon Sights showcases the best and latest advancements developed by Armasight in the field of uncooled thermal imaging technology for the dismounted soldier, special law enforcement team member, and professional hunter. The Zeus Pro epitomizes Armasight's 20/50 design gold standard, which is defined from product inception as being capable of withstanding 20 meters immersion for 2 hours and engineered for routine use with 0.50 BMG weapon shock and recoil. Based around common core electronics, signal processing, and eyepiece optics with generous eye-relief, the Zeus Pro Series Thermal Weapon Sight is available in a variety of options and price points that cater to every application – military and commercial.

Utilizing the latest FLIR TAU-2 Technology, the Zeus Pro is offered in 160x120, 336x256, or 640x512 pixel formats. These options are further enhanced by professional military-grade 30mm, 50mm, 100mm Germanium (Ge) objective lenses creating a wide variety of optical magnifications and range performance capabilities that the customer can select from. Armasight has introduced a unique dual battery option for the Zeus Pro Thermal Weapon Sight consisting either of four 3.0VDC 123A batteries all oriented in the same direction to prevent confusion in replacement, or four 1.5VDC AA batteries pre-loaded in a cartridge. In a pinch, a single 123A 3.0VDC battery can power the Zeus Pro for just over one hour.

The Zeus Pro Thermal Weapon Sight is characterized by its simple and intuitive controls, functions, and features that are layered among direct button adjustments, direct combination button functions, and electronic menu selections. In an effort to better support the art of shooting, Armasight has included ballistic drop reticules, electronic compass and inclinometer in the Zeus Pro package for finer range estimation and target orientation. The Zeus Pro uses a 9-pin multi-pin connector to provide video-in imagery, where there may be a need for map or rangefinder display overlays, and external power access. In support of these capabilities, Armasight offers an optional laser range finder, external battery pack, multispectral laser and other accessories designed to attach on the MIL-STD-1913 rail of the Zeus Pro. Solid state technology reticule adjustments and software algorithms, combined with a complementary color reticle platform, ensures maximum reticle contrast, high level target accuracy, and boresight retention. This level of accuracy is translated into the tracking electronic zoom (e-zoom) function of the Zeus Pro thermal imaging weapon sights, which can be progressively increased from 1x to 2x to 4x and 8x without changing the point-of-aim to point of-impact relationship of the targeting reticle.

A five-button wireless remote switch is included to operate and modify the settings on the Zeus Pro to optimize the imagery for the viewed scene without having to remove your hands from the weapon. The Zeus Pro has Bluetooth© wireless capability and can directly interface with most smart phones with the potential for engaging a series of current and future applications.

The Zeus Pro Thermal Weapon Sight represents the most versatile and sophisticated Armasight product available in today's market for hunters, SWAT teams, and military personnel, based on its superior price-to-performance value.

Model	Zeus Pro 336 2-8x30	Zeus Pro 336 4-16x50	Zeus Pro 336 8-32x100	Zeus Pro 640 1-8x30	Zeus Pro 640 2-16x50	Zeus Pro 640 4-32x100
Magnification	2x - 8x	4x - 16x	8x - 32x	1x - 8x	2x - 16x	4x - 32x
Lens System	30mm; F/1.2	50mm; F/1.4	100mm; F/1.4	30mm; F/1.2	50mm; F/1.4	100mm; F/1.4
Dimensions (mm/in)	170x76x76 / 6.7x3.0x3.0	197x76x76 / 7.5x3.0x3.0	265x90x100 / 10.4x3.5x3.9	170x76x76 / 6.7x3.0x3.0	197x76x76 / 7.5x3.0x3.0	265x90x100 / 10.4x3.5x3.9
Weight (kg/lbs)	680 / 1.5	950 / 2.0	1300 / 2.9	680 / 1.5	950 / 2.0	1300 / 2.9

www.armasight.com

- **24/7 Operation in presence of environmental obscurants (smoke, dust, haze, fog)**
- **Superior engineering and design from inception to Armasight's 20/50 standard**
- **Rugged MIL-STD-810 compliant performance**
- **Operates on 123A or AA batteries**
- **Reliable quick-release locking weapon mount**
- **Objective Germanium Lens Options**
- **TAU-2 17µm Pitch Thermal Sensor**
- **SVGA 800x600 OLED Display**
- **Long eye-relief eyepiece lens**
- **Digital Compass**
- **Digital Inclinometer**
- **Battery Status Indicator**
- **Multiple User Selectable Ballistic and Quick Acquisition Reticules**
- **Selectable Reticule Color**
- **Selectable Palettes: White Hot/ Black Hot/ Sepia/ OEM Custom/ Other Color Variants**
- **Imaging Filter Algorithms:**
  - **Active Contrast Enhancement™ (ACE)**
  - **Smart Scene Optimization™ (SSO)**
  - **Information Based Histogram Equalization™ (IBHEQ)**
  - **Second Generation Digital Detail Enhancement™ (DDE)**
  - **Silent Shutterless Non-uniformity Correction™ (SSN)**
- **Wireless 5-button Remote**
- **Tracking Digital e-Zoom: 2x / 4x / 8x (640x512 only)**
- **Still Picture and Video Recording Capability (Mounted DVR Option)**
- **Made In the USA**

Part NO.	Name
	PRODUCTS FOR US MARKET
TAT173WN3ZPRO21	**Zeus-Pro 336 2-8x30 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 30mm Lens
TAT176WN3ZPRO21	**Zeus-Pro 336 2-8x30 (60 Hz)** FLIR Tau 2 - 336x256 (17µm) 60Hz, 30mm Lens
TAT173WN5ZPRO41	**Zeus-Pro 336 4-16x50 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 50mm Lens
TAT176WN5ZPRO41	**Zeus-Pro 336 4-16x50 (60 Hz)** FLIR Tau 2 - 336x256 (17µm) 60Hz, 50mm Lens
TAT173WN1ZPRO81	**Zeus-Pro 336 8-32x100 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 100mm Lens
TAT176WN1ZPRO81	**Zeus-Pro 336 8-32x100 (60 Hz)** FLIR Tau 2 - 336x256 (17µm) 60Hz, 100mm Lens
TAT163WN3ZPRO11	**Zeus-Pro 640 1-8x30 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 30mm Lens
TAT166WN3ZPRO11	**Zeus-Pro 640 1-8x30 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 30mm Lens
TAT163WN5ZPRO21	**Zeus-Pro 640 2-16x50 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 50mm Lens
TAT166WN5ZPRO21	**Zeus-Pro 640 2-16x50 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 50mm Lens
TAT163WN1ZPRO41	**Zeus-Pro 640 4-32x100 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 100mm Lens
TAT166WN1ZPRO41	**Zeus-Pro 640 4-32x100 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 100mm Lens
	PRODUCTS FOR INTERNATIONAL MARKET*
TAT173WN3ZPRO21	**Zeus-Pro 336 2-8x30 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 30mm Lens
TAT173WN5ZPRO41	**Zeus-Pro 336 4-16x50 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 50mm Lens
TAT173WN1ZPRO81	**Zeus-Pro 336 8-32x100 (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 100mm Lens
TAT163WN3ZPRO11	**Zeus-Pro 640 1-8x30 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 30mm Lens
TAT163WN5ZPRO21	**Zeus-Pro 640 2-16x50 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 50mm Lens
TAT163WN1ZPRO41	**Zeus-Pro 640 4-32x100 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 100mm Lens
	ACCESSORIES
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder
ATAM000004	Recorder DT - Digital Recorder
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANAM000045	Extended Rail Adapter #85

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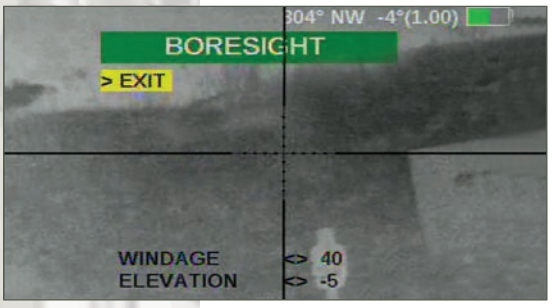
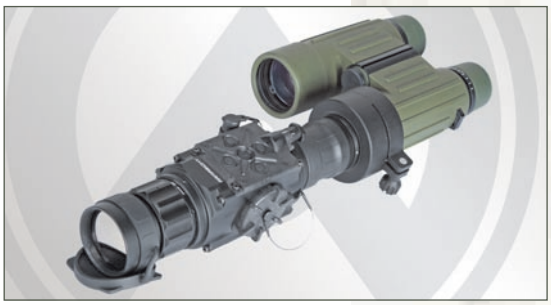




APOLLO

Thermal Imaging Clip-On System

Armasight is excited to introduce its latest and most technologically advanced family of Apollo thermal imaging clip-on systems to the sporting, law enforcement, and military markets. The Apollo product line was developed based on the latest FLIR Tau 2 VOx microbolometer core to optimize performance, price, and state-of-the-art technology for a variety of users, from the committed hunter to the designated military marksman.

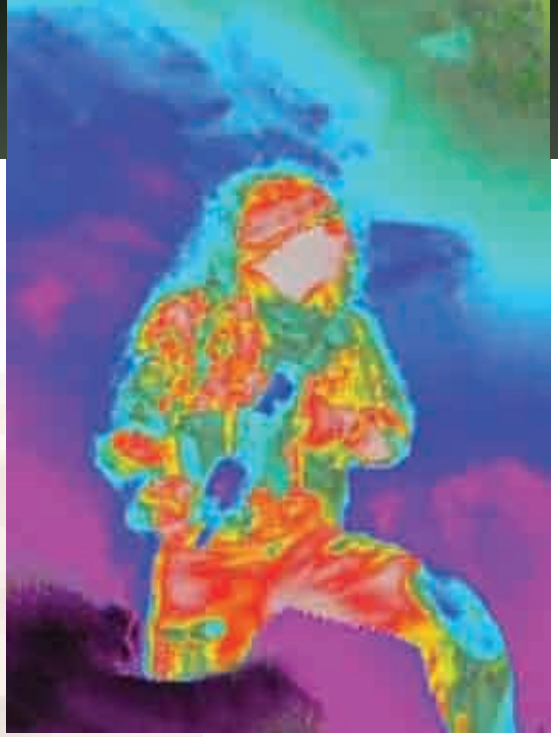
The Apollo is an uncooled long-wave thermal clip-on device intended to mount in front of the existing magnified day sight. The immediate advantages of this approach of converting the day scope into a thermal imaging device include no change in cheek weld, no change in trigger reach, and continued use of existing ballistic reticules in the day scope. The 24/7 mission capability is only one of the strengths of the Apollo. The thermal imaging technology also allows you to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants.

The Armasight Apollo eliminates the traditional requirement of removing your existing day scope from your rifle, to replace it with a dedicated thermal sight (which would also involve re-zeroing). The Apollo simply mounts in front of your own standard daytime optical sight. Factory bore-sighted to tolerances of less than 1 MOA, no re-zeroing is required. The Apollo allows the user to maintain consistent eye relief and shooting position; because the operator uses their own, familiar day scope -- no re-training is required.

In addition to being the smallest and lightest in their class, Apollo thermal imaging clip-on systems are characterized by their simple and intuitive controls, functions, and features that are layered among direct button adjustments, direct combination button functions, and electronic menu selections. This "layering" of easy-to-understand control functions provides the operator with a framework for customizing his preferences and exploiting the robust variety of setting options available in the Apollo. The Apollo has a unique series of menu selectable temperature sensitive "scenarios" for rapid target detection, in addition to a variety of color display presentations based on a rich, upgradeable software package. A wireless remote switch is included to activate the Apollo thermal imaging clip-on system when positioned in the "standby" mode. The Apollo has the ability to record imagery and is equipped with a video-out capability in operator selectable NTSC or PAL formats. The Apollo uses the same multi-pin connector to provide video-in imagery (where there is a need for map or rangefinder display overlays), and external power access.

Apollo weapon installation is easy, repeatable, and reliable based on a unique and highly user-friendly MIL-STD-1913/ Weaver/ Picatinny rail compatible, quick-release locking mechanism.

Magnification	Unity (1x)
Lens System	42 mm; F/1.0
Dimensions (mm/in)	217 x 70 x 80 / 8.5 x 2.8 x 3.2
Weight (kg/lbs)	0.7 / 1.5



- **Simple and quick conversion of daytime scope to thermal imaging**
- **Mounts in front of any daytime scope, no re-zeroing required**
- **The lightest and most compact scope in its class**
- **User selectable NTSC or PAL format**
- **The latest Tau 2 uncooled FLIR core technology**
- **Display Type: AMOLED SVGA 800x600**
- **Easy and Intuitive Drop-down user interface**
- **Color Modes: White Hot/ Black Hot/ Rainbow/ Various Color modes**
- **Extended operation time with optional external battery power supply**
- **Recording: video output/ optional Video Recorder with onboard replay**
- **Hunting scenario algorithms for optimized performance (Hog, Coyote, Mountain Lion, etc.)**
- **Wireless remote control for tactical operations**
- **Waterproof, CNC machined aircraft-aluminum alloy construction**
- **Rapid start-up**
- **MIL-STD-1913 (Picatinny Rail) Quick-Release Mount**
- **Integral MIL-STD-1913 rails on unit for optional day optics or accessories**
- **Made in the USA**

Part NO.	Name
	PRODUCTS FOR US MARKET
TAT253CN4APOL01	**Apollo 324 (30 Hz)** FLIR Tau 2 - 324x256 (25µm) 30Hz, 42mm Lens
TAT256CN4APOL01	**Apollo 324 (60 Hz)** FLIR Tau 2 - 324x256 (25µm) 60Hz, 42mm Lens
TAT163CN4APOL01	**Apollo 640 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 42mm Lens
TAT166CN4APOL01	**Apollo 640 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 42mm Lens
	PRODUCTS FOR INTERNATIONAL MARKET*
TAT253CN4APOL01	**Apollo 324 (30 Hz)** FLIR Tau 2 - 324x256 (25µm) 30Hz, 42mm Lens
TAT256CN4APOL01	**Apollo 324 (60 Hz)** FLIR Tau 2 - 324x256 (25µm) 60Hz, 42mm Lens
TAT163CN4APOL01	**Apollo 640 (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 42mm Lens
TAT166CN4APOL01	**Apollo 640 (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 42mm Lens
	ACCESSORIES
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder
ATAM000004	Recorder DT - Digital Recorder for all Armasight Digital and Thermal Devices
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANAM000009	Scope Mounting System #1 for Scopes with 25.4-30 mm Objective Diameter
ANAM000010	Scope Mounting System #2 for Scopes with 38-42 mm Objective Diameter
ANAM000011	Scope Mounting System #3 for Scopes with 46.7-50 mm Objective Diameter
ANAM000012	Scope Mounting System #4 for Scopes with 56-58.7 mm Objective Diameter
ANAM000013	Scope Mounting System #6 for Scopes with 62 mm Objective Diameter
ANLE3X0008	3x Magnifier with Adapter # 54 for Apollo/CO-Mini/CO-MR/Cipher
ANAM000045	Extended Rail Adapter #85

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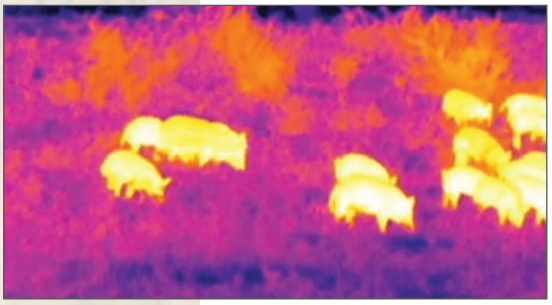
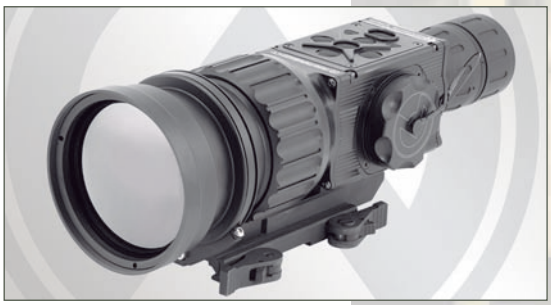




NEW 2015

APOLLO PRO

Thermal Imaging Clip-On Systems

The Apollo Pro family of Clip-on Thermal Imaging Devices represents Armasight's premier day/ night thermal clip-on product displaying the best and latest in advancements developed by Armasight in the field of uncooled thermal imaging technology for the dismounted soldier, special law enforcement team member, and professional hunter. The Apollo Pro epitomizes Armasight's 20/50-design gold standard, which is defined from product inception as being capable of withstanding 20 meters immersion for 2 hours, and engineered for routine use with 0.50 BMG weapon shock and recoil. Based around common core electronics, signal processing, and infinity focused large-format collimating eyepiece, the Apollo Pro Series Day/ Night Clip-on Thermal Imaging Device is available in a variety of options and price points that cater to every application – military and commercial.

The Apollo Pro is a solid state, uncooled, long-wave infrared, 1X (unity magnification) Clip-on Thermal Imaging Device for day and night engagements. It mounts directly in front of the variable magnification sniper day sight without the need to remove the day sight from the weapon. Collateral applications of the Apollo Pro Thermal Imaging Device include functionality as a unity magnification (1x) stand-alone weapon sight and handheld uncooled thermal monocular. For the collateral duty functions, Armasight has included a compass and inclinometer in the Apollo Pro package for finer range estimation and target orientation. A five-button wireless remote switch is included to operate and modify the settings on the Apollo Pro to optimize the imagery for the viewed scene without having to remove your hands from the weapon. The Apollo Pro has Bluetooth© wireless capability and can directly interface with most smart phones with the potential for engaging a series of current and future applications.

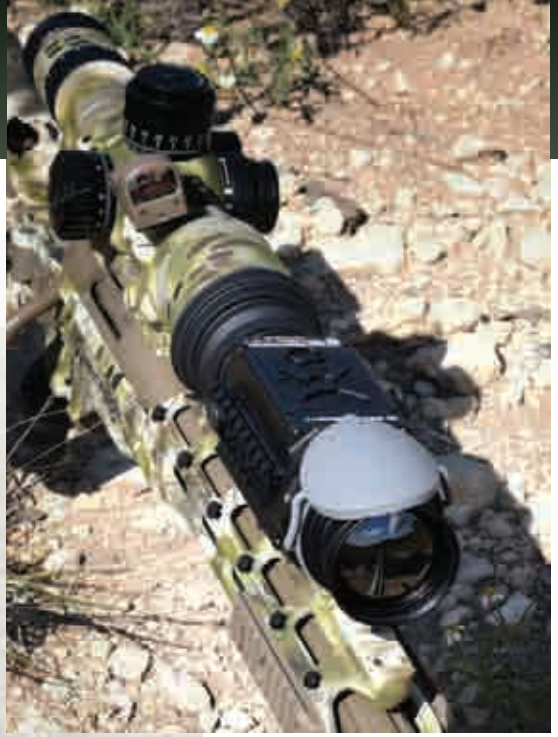
Utilizing the latest FLIR TAU-2 Technology, the Apollo Pro is offered in 336x256 and 640x512 pixel formats. These options are further enhanced by professional military-grade 30mm, 50mm, 100mm Germanium (Ge) objective lenses, creating a wide variety of range performance options optimize the user's experience with this magnified day sight.

Armasight has introduced a unique dual battery option for the Apollo Pro Clip-on Thermal Imaging Device, consisting either of four 3.0VDC 123A batteries (all oriented in the same direction to prevent confusion in replacement), or four 1.5VDC AA batteries pre-loaded in a cartridge. In a pinch, the Apollo Pro special power-management feature allows the use of a single 3.0VDC 123A battery for just over an hour.

The Apollo Pro uses the same 9-pin multi-pin connector to provide video-in imagery, where there may be a need for map or rangefinder display overlays, and external power access. In support of these capabilities, Armasight offers an optional laser range-finder, external battery pack, multispectral laser and other accessories designed to attach on the MIL-STD-1913 rail of the Apollo Pro to feed the desired overlay or input power into the Clip-on Thermal Imaging Device. The 9-pin connector is also capable of providing a portal for periodically upgrading the Apollo Pro software directly; as new revisions become available, users can download updates directly from the internet.

Apollo Pro weapon installation is easy, repeatable, and reliable based on a user-friendly MIL-STD-1913/ Weaver/Picatinny rail compatible, quick-release locking mechanism. This device is normally used in the "Reticule Off/ No Reticule" mode. However, when used in the collateral role of a 1X stand-alone weapon sight, the solid state technology reticule adjustments and software algorithms -- combined with a complementary color reticle platform -- ensure maximum reticle contrast, high-level target accuracy, and boresight retention that cannot be achieved with mechanical boresight adjusters and traditional ballistic drums. This level of accuracy is translated into the tracking electronic zoom (e-zoom) function of the Apollo Pro, when used as a 1x weapon sight, which can be progressively increased from 1x to 2x to 4x and 8x (640x512 format only) without changing the point-of-aim to point of-impact relationship of the targeting reticle.

Based on its superior price-to-performance value, the Apollo Pro Clip-on Thermal Imaging Device represents the most versatile and sophisticated Armasight product available in today's market for hunters, SWAT teams, and military personnel who want to use their own sniper day scopes.



- **24/7 Operation in presence of environmental obscurants (smoke, dust, haze, fog)**
- **Superior engineering and design from inception to Armasight's 20/50 standard**
- **Rugged MIL-STD-810 compliant performance**
- **Operates on 123A or AA batteries**
- **Reliable quick-release locking weapon mount**
- **Objective Germanium Lens**
- **TAU-2 17µm Pitch Thermal Sensor**
- **SVGA 800x600 OLED Display**
- **Digital Compass**
- **Digital Inclinometer**
- **Battery Status Indicator**
- **Multiple User Selectable Ballistic and Quick Acquisition Reticules (except in 9Hz version)**
- **Selectable Reticule Color**
- **Selectable Palettes: White Hot/Black Hot/Sepia/OEM Custom/Other Color Variants**
- **Imaging Filter Algorithms:**
  - **Active Contrast Enhancement™ (ACE)**
  - **Smart Scene Optimization™ (SSO)**
  - **Information Based Histogram Equalization™ (IBHEQ)**
  - **Second Generation Digital Detail Enhancement™ (DDE)**
  - **Silent Shutterless Non-uniformity Correction™ (SSN)**
- **Wireless 5-button Remote**
- **Tracking Digital e-Zoom: 2x / 4x / 8x (640x512 only)**
- **Still Picture and Video Recording Capability (Mounted DVR Option)**
- **Made In the USA**

Model	Apollo-Pro MR 336	Apollo-Pro MR 640	Apollo-Pro LR 640
Magnification	Unity (1x)	Unity (1x)	Unity (1x)
Lens System	50mm; F/1.4	50mm; F/1.4	100mm; F/1.4
Dimensions (mm/in)	217x76x76 / 8.5x3.0x3.0	217x76x76 / 8.5x3.0x3.0	287x90x100 / 11.3x3.5x3.9
Weight (kg/lbs)	720 / 1.6	720 / 1.6	1280 / 2.8

Part NO.	Name
	PRODUCTS FOR US MARKET
TAT173CN5APMR01	**Apollo-Pro MR 336 50mm (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 50mm Lens
TAT176CN5APMR01	**Apollo-Pro MR 336 50mm (60 Hz)** FLIR Tau 2 - 336x256 (17µm) 60Hz, 50mm Lens
TAT163CN5APMR01	**Apollo-Pro MR 640 50mm (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 50mm Lens
TAT166CN5APMR01	**Apollo-Pro MR 640 50mm (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 50mm Lens
TAT163CN1APLR01	**Apollo-Pro LR 640 100mm (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 100mm Lens
TAT166CN1APLR01	**Apollo-Pro LR 640 100mm (60 Hz)** FLIR Tau 2 - 640x512 (17µm) 60Hz, 100mm Lens
	PRODUCTS FOR INTERNATIONAL MARKET*
TAT173CN5APMR01	**Apollo-Pro MR 336 50mm (30 Hz)** FLIR Tau 2 - 336x256 (17µm) 30Hz, 50mm Lens
TAT163CN5APMR01	**Apollo-Pro MR 640 50mm (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 50mm Lens
TAT163CN1APLR01	**Apollo-Pro LR 640 100mm (30 Hz)** FLIR Tau 2 - 640x512 (17µm) 30Hz, 100mm Lens
	ACCESSORIES
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder
ATAM000004	Recorder DT - Digital Recorder for all Armasight Digital and Thermal Devices
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANAM000009	Scope Mounting System #1 for Scopes with 25.4-30 mm Objective Diameter
ANAM000010	Scope Mounting System #2 for Scopes with 38-42 mm Objective Diameter
ANAM000011	Scope Mounting System #3 for Scopes with 46.7-50 mm Objective Diameter
ANAM000012	Scope Mounting System #4 for Scopes with 56-58.7 mm Objective Diameter
ANAM000013	Scope Mounting System #6 for Scopes with 62 mm Objective Diameter
ANLE3X0008	3x Magnifier with Adapter # 54 for Apollo/CO-Mini/CO-MR/Cipher
ANAM000045	Extended Rail Adapter #85

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DIRECT VIEW

AIM PRO
AIM PRO-L

Advanced Integrated Mounts

The AIM PRO is the latest MIL-STD-810G-compliant evolution of the Armasight AIM. The AIM (Advanced Integrated Mount) presents a revolutionary new concept of Night Vision targeting. This Night Vision accessory allows the operator to convert the monocular into a weapon sight. The AIM is incorporated into a low-profile housing that has an integral MIL-STD-1913 Picatinny rail grabber mount on the underside, and a dovetail mount on the top. By mounting the AIM onto your rifle and fitting it with either a Night Vision monocular or AIM optional day optic, the AIM can be bore-sighted to your rifle; the operator can switch between day and night modes as required, without having to readjust.

Unlike conventional systems that require the Night Vision unit to be mounted behind a day optic, the AIM projects the reticle directly into the Night Vision monocular lens. In practice, what this means is that there is no longer a reduced field of view through the Night Vision device, or any shadowed area that is difficult to see through (caused by conventional red-dot sights optics or outer edges). A small "HUD"-type prism on the front of the AIM unit projects a 65MOA "Circle," as well as a single 3.2MOA center aiming "Dot," directly into the Night Vision lens.

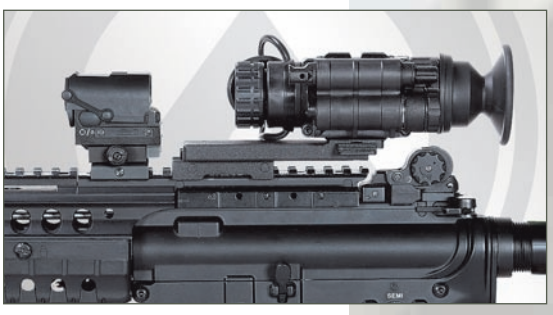
The Armasight AIM PRO-L allows the user to mount a 3x Night Vision monocular directly onto their weapon for an extended shooting range.

The adaptability of the AIM PRO to virtually any Night Vision monocular inherently makes it a "critical need" item for all law enforcement and military personnel, hunters, and professional shooters.

- **Converts standard Night Vision monoculars into passive Night Vision weapon sights**
- **Rapid and easy target acquisition**
- **AIM eliminates the need for infrared laser or co-witnessed red dot sight**
- **No obstructing optics or parts in your field of view**
- **The only solution providing 100% full field of view**
- **Adjustable reticle brightness**
- **Optional 3.5× daytime aiming solution**
- **Fits any MIL-STD-1913 Picatinny or Weaver rails with adjustable, locking, quick-detach mount**

Model	AIM PRO	AIM PRO-L
"Circle wih Dot" reticle size	65±2	65±2
Adjustment Precision Range (deg. of arc)	±1,5	±1,5
Reticle Illumination Adjustments	digital	digital
Levels of Reticle Brightness	11	11
Immersion	till 1 m for 30 minutes	till 1 m for 30 minutes
Overall Dimensions (mm/in)	169×87×42 / 6.6x3.4x1.6	270×87×42 / 1.6x3.4x1.6
Weight (g/oz)	180 / 6.3	252 / 8.9

Part NO.	Name
ANKI000032	**AIM PRO** - Advanced Integrated Mount Pro (converts NV monocular into a rifle scope)
ANKI000049	**AIM PRO-L** - Advanced Integrated Mount Pro Long (converts 3x NV monocular into a rifle scope)
	ACCESSORIES
ANKI000046	Adapter Ring #62 - Adapter Ring to attach NV monocular onto AIM-Pro and AIM-Pro-L
ANKI000048	AIM 3X Booster #52 - Day-Time 3x Magnifier for AIM-Pro



MCS

Miniature Collimating Sight

The Armasight MCS (Miniature Collimating Sight) is a passive targeting micro LED collimating sight for rapid, "both-eyes open" target acquisition. The MCS is rugged, lightweight, and designed to mount onto a variety of existing magnified day optics as well as MIL-STD-1913 Picatinny and Weaver-style rails.

The Armasight MCS is the only sight on the market in its class that features a dual reticle pattern. The user can select a 3.5 MOA "Dot" reticle or 20 MOA "Ring" reticle pattern, depending on mission requirements. The MCS is compatible with Night Vision devices of all generations. Reticle intensity is regulated by an automatic brightness control sensor, which can also be overridden by the user to adjust the brightness mode as required.

The MCS is designed to significantly improve accuracy and efficiency of virtually any weapon, from handguns and pistols to assault rifles and light machine guns. The compact size and versatility of the MCS makes it an ideal secondary/backup optical sight. Accurate and reliable, the Armasight MCS features 1.2 MOA/ click windage and 1.5 MOA/ click adjustments. A unique optical design allows for a parallax-free, "always on the center" reticle.

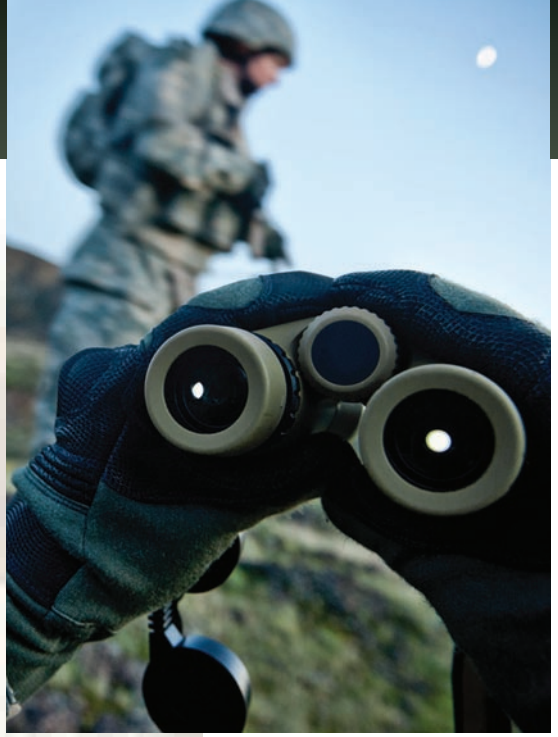
The unit is waterproof, and has been tested against salt, fog, dust, vibration, and significant drops. It has also been fired from a variety of firearms for thousands of rounds. The Armasight MCS complies with MIL-STD-810G requirements. The MCS features a unique pivot lens cover with anti-reflective coating, and works on a single, easy to replace CR2032 3V battery.

- **Tactile click stops for windage & elevation adjustments**
- **A switchable 3.5 MOA dot to 20 MOA ring reticle pattern**
- **Reticle automatic brightness control based on the target area brightness**
- **Rapid target acquisition**
- **True Night Vision compatible mode**
- **User configurable open or tube sight mode**
- **Riflescope-mounted or Weaver-mounted variations**
- **Battery change with no re-zeroing required**
- **Large heads-up display with wide field of view**
- **Parallax-free performance**
- **Submersible to 10m (33 ft.) of water**
- **Push button controls for reticle switching, manual override of auto brightness, Night Vision mode, and on/off function**
- **Anti-reflection coatings with lens cover to maintain covertness**
- **Limited Two-Year Warranty**

Magnification	1X (unity)
Exit Pupil (mm)	20x15
Interchangeable Reticle Pattern: - Dot (MOA) - Circle (MOA)	 3.5 (10 cm at 100 m) 20 (60 cm at 100 m)
Reticle Brightness Adjustment	Auto / Manual (MAX or MIN positions)
Waterproof	10m for 1 hour
Mounting System	for Picatinny Rail or for ACOG 4x32 (Trijicon) riflescope
Dimensions (mm/in): - ver. for Picatinny rail - ver. for ACOG 4x32	 48 x 40 x 47 / 1.9 x 1.6 x 1.8 48 x 44 x 52 / 1.9 x 1.7 x 2.0
Weight (g/oz)	65 / 2.3

Part NO.	Name
DAS01XX25MCSBLC	**MCS** Black Color
DAS01XX25MCSTAN	**MCS** Tan Color
DAS01XX25MCSBL2	**MCS-QR** Black Color with Quick-Release Mount
DAS01XX25MCSTA2	**MCS-QR** Tan Color with Quick-Release Mount
	ACCESSORIES
ADKI3X0001	TIME-3X - 3x Magnifier with 1.49"/37.8 mm Optical Height with QR Mount (works with Armasight MCS, All AimPoint and EOTech Models)
ANAM000017	Riser 1.5 #55 for MCS

DAYTIME BINOCULARS



Armasight's daytime binoculars offer plenty of magnification, solid waterproof construction, and a built-in range finder reticle designed for Military, Law Enforcement, and the outdoor adventurer's needs.

The binoculars provide a powerful magnification and crystal clear optics, which deliver a full range of color and clarity. The multicoated optics of binoculars is designed to enhance the resolution and contrast of your image in extremely bright conditions.

Built-in universal range finder allows for accurate target measurements and range estimates.

These binoculars are waterproof, shockproof, and can reach the standard of GJB/240, GJB150 and MIL-STD-810.

8x36 is the compact binocular with a range finding reticle.

8x30C is the binocular with inter-build compass and a range finding reticle.

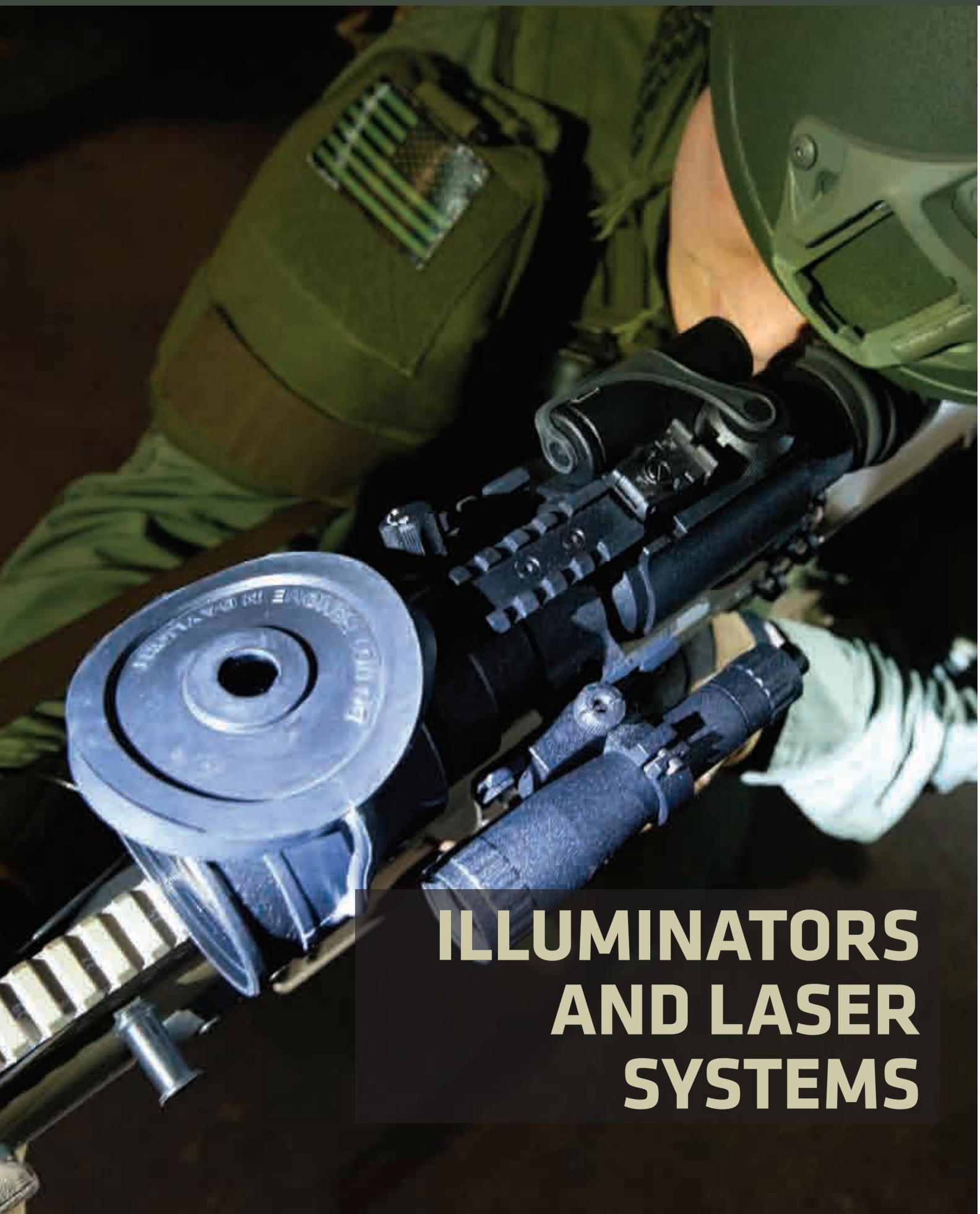
7x50 is the binocular with a range finding reticle.

10x42 is the binocular with a range finding reticle.

- **Designed for professional use**
- **Waterproof and shockproof to military standard MIL-STD-810**
- **Built-in universal rangefinder**
- **Multicoated optics**
- **Full rubber body armoring**
- **Individual eye focus**
- **Limited Two-Year Warranty**

Item	8x36	8×30C	7×50	10x42
Magnification	8×	8×	7×	10×
Objective Lens Diameter (mm)	36	30	50	42
Field of View (°)	7.0	8.0	7.5	6.0
Exit Pupil (mm)	4.4	3.7	7.1	4.2
Eye Relief (mm)	16	18	23	15
Resolution	≤6.2″	≤4.5″	≤4.5″	≤8.6″
Relative Brightness	20.3	14.0	50.4	17.6
Dimensions (mm/in)	165×127×65 / 6.5x5x2.6	120×167×77 / 4.7x6.6x3	200×150×85 / 7.9x5.9x3.3	155×132×55 / 6.1x5.2x2.2
Weight (kg/lb)	0.6 / 1.3	0.6 / 1.3	1.36 / 3	0.76 / 1.7

Part NO.	Name
DAB08X36RF0ARM1	**8x36** Binoculars with Range Finder
DAB08X30RFCARM1	**8x30C** Binoculars with Compass & Range Finder
DAB07X50RF0ARM1	**7x50** Binoculars with Range Finder
DAB10X42RF0ARM1	**10x42** Binoculars with Range Finder



ILLUMINATORS AND LASER SYSTEMS

DRAKOS

Multi-Spectral Laser Aiming/ Illumination Devices

The Armasight Drakos is the new series of an innovative, rugged, multi-spectral Class I near-infrared and visible/ near-infrared laser aiming devices. It is designed to mount via a locking quick-release MIL-STD-1913 rail grabber, onto a variety of kinetic weapons for day, low-light, and nighttime targeting. The Drakos is equipped with a wireless remote control; the laser operates on either a single CR123A 3V lithium or AA 1.5V battery, and the battery compartment adapter comes standard, which provides more than two thousand two-second activations of the lasers. The Drakos series is designed to withstand kinetic recoil of 0.50 caliber and .338 caliber Lapua ammunition, and is MIL-STD-810G compliant. The Armasight Drakos' performance level, along with its adaptability to virtually any Night Vision device, inherently makes it a "critical need" item for all law enforcement professionals, military personnel, hunters, and professional shooters.

- **Tactile click stops for windage & elevation adjustments**
- **Rapid active target acquisition**
- **True Night Vision compatible mode**
- **Utilizes single CR123A lithium battery or AA Alkaline, adapter included**
- **Aiming lasers are co-boresighted**
- **Will not cause damage to eyes**
- **MIL-STD-810G compliant**
- **Limited Two-Year Warranty**

Model	Drakos	Drakos-I	Drakos-II
Wavelength (nm)	850	850	850 / 650
Laser Output Power, max (mW)	0.7	0.7	0.7 / 0.9
Operating Distance (m)	800	800	800 / 200
Aiming Dot Size (mm at 100m)	50	50	50
Overall Dimensions (mm/in)	110 x 67 x 39 / 4.3 x 2.6 x 1.5	110 x 67 x 39 / 4.3 x 2.6 x 1.5	110 x 67 x 39 / 4.3 x 2.6 x 1.5
Weight (g/oz)	198 / 7	220 / 7	220 / 7.7

Part NO.	Name
IAIR000LP000001	**Drakos** – IR Laser Pointer Class I with Quick-Release Mount and Wireless Remote Control
IAIR001LP000001	**Drakos-I** – Dual Channel: IR 850 Laser Pointer Class I & IR LED 850 Illuminator with Quick-Release Mount and Wireless Remote Control
IAIR002LP000001	**Drakos-II** – Dual Channel: IR 850 Laser Pointer Class I & Visible Red Laser Pointer Class II with Quick-Release Mount and Wireless Remote Control

NEW 2015

T-MAIM

Tactical Multispectral Aiming/ Illumination Module

The T-MAIM Tactical Multispectral Aiming and Illumination Module is a CLASS IIIb laser that consists of a visible aiming laser, a near-infrared (near-IR) aiming laser, and a focusable near-IR Illuminator. The function of the T-MAIM is to provide an operator with highly collimated aiming lasers for precision aiming and targeting both with the naked eye in low light conditions and with image intensified Night Vision devices in nighttime applications. The focusable near-IR Illuminator provides the user with the ability to flood the area of interest with invisible near infrared light.

The T-MAIM can be operated in a variety of modes with single lasers or multiple lasers concurrently. The visible and near-IR aiming lasers are can be boresighted to the weapon using unique ballistic differential adjustment ports using the onboard tool. The output power of the T-MAIM can be adjusted from approximately 100µW to 25mW electronically across 256 discrete intervals. Additionally, the aiming lasers can be operated via a user-chosen switch, in either a constant wave or 4Hz pulsed mode. The lasers can be activated either by remote switch assembly or through an integral "FIRE" button on the main housing. In the interest of safety for force-on-force training, the T-MAIM can be outfitted with an included blue colored SAFETY remote cable that acts as an interlock to keep both the remote switch and the "FIRE" button limited to eye-safe laser conditions emitting at less than 600µW. A full feature black tactical remote switch assembly can be connected to the unit to provide access to the full range of power. Additional safety features include: laser "ON" indicator when in use; low battery indicator; and, a SAFETY indicator when the appropriate remote switch is installed.

Depending on the laser mode selected, the T-MAIM can be used either with the naked eye in low light conditions, or with image intensified Night Vision devices in dark environments. The T-MAIM can be used in either a handheld mode with the operator activating the "FIRE" button, or in a weapon-mounted configuration using the integrated MIL-STD-1913 rail grabber assembly on the unit.

The T-MAIM is also equipped with a MIL-STD-1913 rail set at the 10 o'clock position, which allows the operator to attach a tactical flashlight or navigation light to provide illumination in low light conditions.

Specifications	IR Laser	Visible Laser	IR Illuminator
Class	IIIa (Low), IIIb (High)	IIIa	IIIb
Output Power	50uW (Low), 25mW (High)	4.0 mW	500uW (Low), 25mW (High)
Divergence	0.5 mRad	0.5 mRad	1-108 mRad
Wavelength	820nm – 850nm	605nm – 665nm Wavelength	820nm – 850nm
Operating Distance	>200 Meters (Low), 2,000 Meters (High)	>25 Meters in Direct Sunlight	>100 Meters (Low), 2,000 Meters (High)
Power	One (1) 1.5VDC AA Battery		
Battery Life	>6 hours in near-IR Aim Mode		
Dimensions	106 x 81 x 48 mm / 4.2 x 3.2 x 1.9 in		
Weight (w/o battery)	200 g / 7 oz		
Waterproof	20 Meters for One Hour		

Part NO.	Name
IAIR00RLPTMAIMB	T-MAIM Black - Tactical Multi-spectral Aiming and Illumination Module (color Black)
IAIR00RLPTMAIMT	T-MAIM Tan - Tactical Multi-spectral Aiming and Illumination Module (color Tan)

** State Department export license is required. Please check export regulations on Page 67.*

IR810W/ IR850W/ XLR-IR850

Long-Range Infrared Illuminators

Armasight's extra long-range infrared illuminators provide greater, image-intensified viewing capabilities for operations in little to no ambient light.

Infrared illuminators are used in areas where the level of natural light is not sufficient. An IR illuminator provides near-infrared light, which, although invisible to the naked eye, can greatly enhance the performance of Night Vision devices. The illuminator features adjustments for field-of-view divergence and output power. Armasight long-range IR illuminators significantly extend the capabilities of Night Vision weapon sights and observation devices.

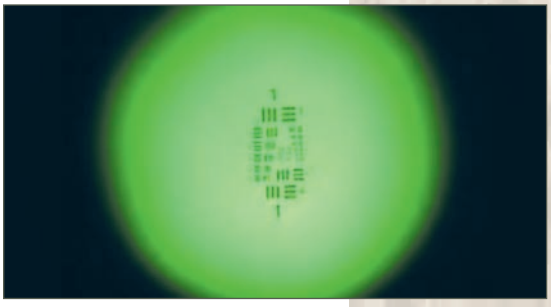
The powerful XLR-IR850 model comes standard equipped with a rechargeable battery and charger unit. An Optional A-Focal Doubler for XLR-IR850 doubles the distance of IR beam for ultra long-distance observation.

Our infrared illuminators provide wide-range beam angle adjustment, which drastically improves the performance of the IR illuminator and extends the user's nighttime visibility range.

- **Powerful, Long-Range Infrared Illuminator**
- **High Power, IR-emitting Diode**
- **Power Adjustment**
- **Wide-Range Beam Angle Adjustment**
- **Precise adjustment of beam direction**
- **Invisible to the human eye**
- **Eye safe**
- **Lightweight and rugged**
- **Ideal for extreme, low-light conditions**
- **Can be mounted on the Weaver rail or used as a handheld device**
- **Limited Two-Year Warranty**

Model	IR810W	IR850W	XLR-IR850
IR Emitter Type	LED	LED	LED
Power	600 mW	600 mW	1000 mW
Peak Wavelength	810 nm	850 nm	850 nm
Compatible Night Vision Devices	Gen 1, CORE, Gen2, Gen 3, Digital	Gen2, Gen 3	Gen 1, CORE, Gen2, Gen 3, Digital
Illumination Range	Up to 600 m	Up to 600 m	Up to 1000 m
Divergence	2° to 30°	2° to 30°	2° to 50°
Power Supply	Single CR123A (3V)	Single CR123A (3V)	Single 18650 (3.7v) Rechargeable Battery
Battery Life at 20 °C (68 °F)	Up to 10 hr	Up to 10 hr	Up to 3.5 hr
Overall Dimensions (w/o Mount)	120 x 31 x 31 mm / 4.7 x 1.2 x 1.2 in	120 x 31 x 31 mm / 4.7 x 1.2 x 1.2 in	150 x 46 x 46 mm / 5.9 x 1.8 x 1.8 in
Weight (w/o Mount and Battery)	75 g / 2.6 oz	75 g / 2.6 oz	210 g / 7.4 oz

Part NO.	Name
IAIR810IR000002	**IR810W** Detachable Wide Angle Adjustable X Long-Range Infrared Illuminator - Recommended for Gen 1, CORE, Gen 2, Gen 3, and Digital Night Vision Devices
IAIR850IR000002	**IR850W** Detachable Wide Angle Adjustable X Long-Range Infrared Illuminator - Recommended for Gen 2 and Gen 3
ANKIW00017	I**R850W** Compact Detachable Wide Angle Adjustable X Long-Range Infrared Illuminator w/Dovetail to Weaver Transfer Piece #21
IAIR850IR000003	**XLR-IR850** Detachable X Long-Range Infrared Illuminator, Rechargeable Battery, and Charger - Recommended for Gen 1, CORE, Gen 2, Gen 3, and Digital Night Vision Devices
ANKIXLR017	**XLR-IR850** Detachable X Long-Range Infrared Illuminator w/Dovetail to Weaver Transfer Piece #21, Rechargeable Battery, and Charger
ANAF18XXLR	**XLR-IR A-Focal Doubler** - Doubles the distance of XLR-IR850 IR beam



NEW 2015

NIGHT VISION TEST SET

Using the Night Vision Test Set, military personnel can determine the resolution performance of night vision devices. This small, portable test set can be operated in the field to support mission safety and success.

The test set evaluates the performance of Gen 2 and Gen 3 devices providing a near infrared uniformly illuminated target as well as two toggle switches to select high and low light level conditions.

- **Tests all US Military standard night vision devices**
- **Applicable for Goggles, Weapon sites, and Drivers' viewers**
- **Uses commercially available 9V batteries**
- **Compact and lightweight**
- **Built in Calibration Sensor**

NIGHT VISION TEST SET INCLUDES:

- Test set unit with goggle adapter and lens cap
- Weapon sight adapter
- Driver's viewer adapter
- Operator's Manual
- Lens Tissue
- Carrying bag
- Shipping/storage case

Battery	Commercial 9V
Field of View	Gen 2 High 30 ∞, non vignetting
Exit Pupil	11 mm
Light Levels	Gen 2 High: 8.3 x 10-9 w/s.r.cm2 Gen 2 Low: 3.4 x 10-11 w/s.r.cm2 Gen 3 High: 3.9 x 10-9 w/s.r.cm2 Gen 3 Low: 1.5 x 10-11 w/s.r.cm2
Light Source	800 nm
Output Collimation	Infinity + 0.00, -0.02 diopters
Resolution Target	1951 USAF
Weight	400 grams
Shock and Vibration	Meets MIL-STD
EMI/EMC	Meets MIL-STD
Reliability	10,000 hours MTBF

Important Export Restrictions

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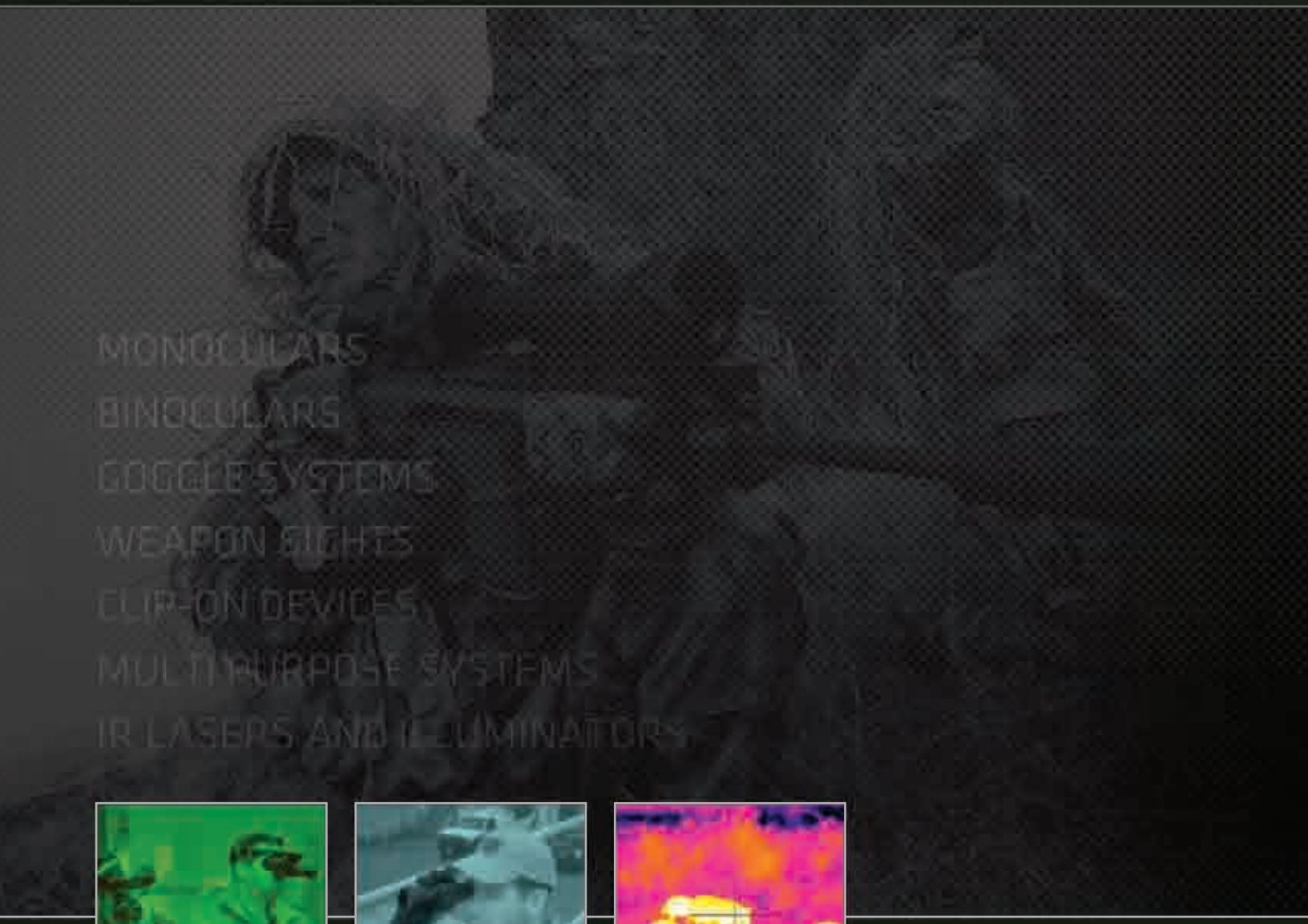

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