

AGM GLOBAL VISION



- THERMAL IMAGING
- FUSION IMAGING
- NIGHT VISION
- IR ILLUMINATION

PRODUCT CATALOG

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EXPORT INFORMATION

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited.

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ABOUT AGM GLOBAL VISION

Based in Springerville, Arizona, USA, AGM Global Vision designs, develops, and distributes a wide range of professional-grade night vision and thermal devices including rifle scopes, clip-on systems, spotting scopes, binoculars, monoculars, goggles, multispectral lasers, infrared illumination devices, and more.

The founders of AGM Global Vision (Allen Harding, Gary Tarakanov, and Mark Tarakanov) have a strong, well-established track record of creating industry leading companies within the electro-optics industry along with a formidable history of creating and developing highly recognized brands within the optics market segment. After spending time collaborating as a systems manufacturer to a number of key players in the field, the founders of AGM Global Vision decided that it was time to debut a new company that willfully aligns itself with a greater worldwide vision and marketing strategy that is bigger and bolder than most.

AGM Global Vision is on the way to becoming a unique standout within the industry by developing cutting edge products that exceed client expectations. As part of its diversified strategic plan, AGM Global Vision continues to support and develop its thriving OEM branding and product assembly services for its valued partners and customers.

AGM Global Vision is a rising leader in the night vision and thermal technology industry, and is recognized and respected by professionals and enthusiasts alike. AGM Global Vision is constantly adapting designs to the fluctuating needs and emerging technologies of the night vision and thermal imaging industries and often showcases the wide range of products at conferences and trade shows domestically and internationally.

With a global reach in mind, AGM Global Vision dominates a significant portion of market-share in the international electro-optical space through its subsidiary sales and assembly facilities across the globe.

AGM Global Vision offers an extensive range of rifle scopes, clip-on systems, spotting scopes, binoculars, monoculars, goggles, lasers, infrared illumination devices, and other electro-optical systems for the most demanding firearm enthusiasts, hunters, law enforcement officers, and military professionals.

Our products are designed with cutting-edge technology and rugged materials to meet the needs and exceed the expectations of our users. AGM Global Vision is committed to excellence and continues to produce quality crafted products with precision and integrity in mind.

A man wearing a black baseball cap and a black t-shirt is shown in profile, aiming a rifle. The rifle is equipped with a thermal imaging scope. The background is a bright, hazy sunset or sunrise over a field. The scene is lit with warm, golden light. The rifle has a star logo on the side. The man has a tattoo on his left arm.

THERMAL IMAGING

- MONOCULARS
- BINOCULARS
- RIFLE SCOPES
- CLIP-ON SYSTEMS



ASP-MICRO THERMAL IMAGING MONOCULAR

The Asp-Micro handheld observational thermal monocular is equipped with a 160x120 infrared detector and a 720x540 LCOS display. It supports functions of observation, highest temperature target tracking, distance measurement, Wi-Fi hotspot, and more. The high-sensitivity built-in thermal detector provides you with a clear view even in total darkness. The monocular is mainly used in scenarios such as patrolling, law enforcement, searching and rescuing, drug enforcement, anti-smuggling, suspect apprehension, hiking, travel, and hunting.

- 160x120 resolution infrared detector
- Adaptive AGC, DDE, 3D DNR
- Built-in memory supports video recording/snapshot capturing
- Wi-Fi hotspot
- Distance measurement
- Highest temperature tracking
- 720x540 resolution LCOS display
- Built-in rechargeable Lithium battery
- Up to 10 hours continuous running (with Wi-Fi hotspot function off)
- USB-C interface
- Limited 3-year warranty





TAIPAN THERMAL IMAGING MONOCULAR

The AGM Taipan handheld thermal monocular is equipped with a 384×288 12μm infrared detector and a 1280×960 LCOS display. It supports functions of observation, highest temperature target tracking, distance measurement, Wi-Fi hotspot, and more.

The high-sensitivity built-in thermal detector provides you with a clear view even in total darkness. The monocular is mainly applied to scenarios such as patrolling, law enforcement, searching and rescuing, drug enforcement, anti-smuggling, suspect apprehension, hiking, travel, and hunting.

- 12μm high-sensitivity detector
- 256×192, 384×288 resolution, high sensitivity detector
- Adaptive AGC, DDE, 3D DNR
- 1280×960 resolution LCOS display
- Distance measurement function
- The device detects and marks the hot spot of highest temperature
- A wide variety of color palettes
- Built-in memory supports video recording/snapshot capturing
- 1x, 2x, 4x and 8x digital zoom
- Picture-in-Picture mode
- Wi-Fi Hotspot
- Device can capture snapshots, record videos, and set parameters via APP after being connected to your phone
- Built-in rechargeable Li-Ion battery
- More than 7.5 hours continuous running (with Wi-Fi hotspot function off)
- USB-C interface
- Limited 3-year warranty





StingIR THERMAL IMAGING MONOCULAR

The AGM StingIR miniature handheld observational thermal monocular is equipped with a 384x288 or 640x480 12 μ m high-sensitivity infrared detector and a high-resolution OLED display. Key features include a digital compass, inclinometer, and up to 8x digital zoom. The high-sensitivity built-in thermal detector provides you with a clear view even in total darkness.

The AGM StingIR is a full-featured unit, weighing less than 7 ounces/200 grams. The monocular can be used as a handheld device, or mounted on the head harness, or helmets for hands-free operations.

The monocular is suitable for security enforcement, outdoor hunting, wilderness exploration, search and rescue and other fields.

- 12 μ m high-sensitivity detector
- 384x288 or 640x480 resolution
- Head or helmet-mountable for hands-free usage
- Compact, and sturdy design
- High-resolution OLED display
- Multiple thermal image palettes
- Device supports up to 8x digital zoom
- Powered by a single CR123A, RCR123 or 18650 Lithium battery
- Up to 5 hours continuous running
- Digital compass and inclinometer
- Type-C interface
- Limited 3-year warranty





PROTECTOR PRO THERMAL IMAGING MONOCULAR

The AGM Protector PRO is the latest and most technologically-advanced thermal imaging device for observation currently offered by AGM. This monocular is made of high-grade aluminum and magnesium alloy, making the unit both durable and lightweight. Due to its waterproof capability the device performs well even in severe weather conditions and challenging environments. The unit can be easily mounted on a tripod which grants the operator convenient/hands free use of thermal monocular.

The Protector's user-friendly interface, with comfortable and ergonomic buttons makes using the system incredibly simple. The thermal imaging unit offers ten different image palettes that can be easily adapted depending on different environmental conditions.

This high-tech monocular can take either two CR123A 3V Lithium batteries or two RCR123 rechargeable batteries, with voltage ranging from 3.0 V to 3.7V. In addition, the external battery pack (5V) connected via Type-C port provides additional operating time. The device is equipped with 16 GB storage for on-board video recording and image capturing. Onboard Wi-Fi module is also available for live video streaming and video/images recording via mobile application.



- 12 μ m high-sensitivity detector
- Lightweight and compact design
- Easy to operate control panel
- High resolution display
- 1x, 2x,4x and 8x digital zoom
- Picture-in-Picture mode
- Video recording and snapshot capturing
- Built-in 16 GB EMMC memory module
- Wi-Fi data transmission
- Stadiametric rangefinder
- Powered by two standard CR123A batteries
- Up to 4.5 hours continuous working
- External power supply capability
- Tripod mountable
- Limited 3-Year Warranty





EXPLORATOR PRO THERMAL IMAGING BINOCULARS

The AGM Explorator PRO is the latest and most technologically-advanced binocular thermal imaging device for observation currently offered by AGM. This bi-ocular is made of high-grade aluminum and magnesium alloy, making the unit both durable and lightweight. Due to its waterproof capability the device performs well even in severe weather conditions and challenging environments. The unit can be easily mounted on a tripod which grants the operator convenient/hands free use of thermal binocular.

The Explorator's user-friendly interface, with comfortable and ergonomic buttons makes using the system incredibly simple. The thermal imaging unit offers ten different image palettes that can be easily adapted depending on different environmental conditions.

This high-tech bi-ocular can take either two CR123A 3V Lithium batteries or two RCR123 rechargeable batteries, with voltage ranging from 3.0 V to 3.7V. In addition, the external battery pack (5V) connected via Type-C port provides additional operating time. The device is equipped with 16 GB storage for on-board video recording and image capturing. Onboard Wi-Fi module is also available for live video streaming and video/images recording via mobile application.

- 12 μ m high-sensitivity detector
- Dual eye viewing system for comfortable, extended viewing sessions
- Easy to operate control panel
- High resolution display
- 1x, 2x,4x and 8x digital zoom
- Picture-in-Picture mode
- Video recording and snapshot capturing
- Built-in 16 GB EMMC memory module
- Wi-Fi data transmission
- Stadiametric rangefinder
- Powered by two standard CR123A batteries
- Up to 4.5 hours continuous working
- External power supply capability
- Tripod mountable
- Limited 3-Year Warranty





RATTLER TS THERMAL IMAGING RIFLE SCOPE

AGM Rattler TS is the compact thermal imaging scopes developed for 24 hours operation under any weather and environmental conditions. A wide selection of different lenses and thermal detector resolutions allow the customer to select the ideal instrument for tasks at different distances.

The Rattler series scopes use a high-sensitivity thermal detector and 1024x768 OLED monitor, which provides a clear image under harsh environment conditions like darkness, fog, smoke, dust, rain, snow, wood, camouflage, etc. The scope is mainly applied to scenarios such as patrolling, hunting, etc.

Powered with two CR123 batteries the AGM Rattler TS gives up to 4.5 hours of continuous operation time. An external 5V power bank (battery pack) can be easily connected via a USB connector for a significant increase of operating time. Onboard Wi-Fi module is also available for live video streaming and video/images recording via mobile application.

- High-sensitivity detector
- Lightweight and compact design
- Electronic zero correction
- Automatic or manual (silent) calibration
- High-resolution 1024x768 OLED display
- Waterproof and shockproof
- 1x, 2x, 4x and 8x digital zoom
- Picture-in-Picture mode
- Stadiametric rangefinder
- Video recording and snapshot capturing
- Built-in 16 GB EMMC memory module
- Wi-Fi data transmission
- Powered by two standard CR123A batteries
- Up to 4.5 hours continuous working
- External power supply capability
- Video output for external monitor or recorder
- Limited 3-year warranty





SECUTOR PRO THERMAL IMAGING RIFLE SCOPE

The AGM Secutor PRO is a compact thermal imaging scope developed for operation under any weather or environmental condition. The Secutor PRO has 384x288 or 640x512 12 μ m high-sensitivity thermal detector and 1024x768 OLED monitor, which provides clear image under harsh environment conditions like darkness, fog, smoke, dust, rain, snow, wood, camouflage, etc. The Secutor PRO's user-friendly interface, comfortable and ergonomic operating controls makes its use incredibly easy.

Powered with two CR123 batteries the AGM Secutor PRO gives up to 4.5 hours of continuous operation time. An external 5V power bank (battery pack) can be easily connected via a USB connector for a significant increase of operating time. The device is equipped with 16 GB storage for on-board video recording and image capturing. Onboard Wi-Fi module is also available for live video streaming and video/images recording via mobile application.



- 384x288 or 640x512 thermal resolution
- 12 μ m high-sensitivity detector
- Fast 50Hz imaging
- 1024x768 resolution, 0.39-inch OLED display
- 1x, 2x, 4x, 8x digital zoom
- Digital image processing technology
- Video recording and snapshot capturing
- Built-in 16 GB EMMC memory module
- Various reticle types and colors
- Stadiametric rangefinder
- Adjustable color palettes
- Wi-Fi data transmission
- Standby mode
- Waterproof, shockproof
- Up to 4.5 hours continuous working
- External power supply capability
- Limited 3-year warranty





ADDER THERMAL IMAGING RIFLE SCOPE

AGM Adder is the thermal imaging scope developed for 24 hours operation under any weather and environmental conditions. The Adder can be mounted to the weapon using standard scope mounts for 30mm tubes. The traditional-style 30mm tube meets the needs of professional hunters who value traditions and seek technological superiority, ensure an extreme detection range of up to 2600 meters.

Riflescope has 384×288 or 640×512 high-sensitivity thermal detector and 1024×768 OLED monitor, which provides clear image under harsh environment conditions like darkness, fog, smoke, dust, rain, snow, wood, camouflage, etc.

The scope is equipped with unique dual power system. Two built-in 18650 rechargeable batteries with one CR123A replaceable Lithium battery provide up to 15 hours of continuous operation. The device has fast 64GB EMMC storage for on-board video recording and image capturing. Shot Activated Recording (SAR) function allows you not to worry about having to start recording manually each time. Wi-Fi module for live video streaming and video/images recording via application are also available.

- 384×288 or 640×512 thermal resolution
- 12μm high-sensitivity detector
- Fast 50 Hz imaging
- High-resolution OLED display
- 1x, 2x, 4x, 8x digital zoom
- On-board video and audio recording
- Shot Activated Recording (SAR)
- Wi-Fi data transmission
- Fast 64GB EMMC built-in storage
- Various reticle types and colors
- Standby mode
- Waterproof & Shockproof
- Dual power system
- Up to 15 hours continuous working
- Limited 3-year warranty





VARMINT LRF THERMAL IMAGING RIFLE SCOPE

The AGM Varmint LRF is a compact thermal imaging scope with built-in precision laser rangefinder. Equipped with a highly sensitive, 12 μ m thermal detector and 1024x768 OLED monitor, the AGM Varmint LRF provides a clear image under harsh environmental conditions including darkness, fog, smoke, dust, rain, snow, brush, camouflage, etc. The Varmint LRF's user-friendly interface, comfortable and ergonomic operating controls makes its use incredibly easy.

The built-in laser range finder of the AGM Varmint LRF is designed to determine the exact distance between the observer and the target. Measurement results are displayed in the scopes monitor. One 18650 rechargeable battery gives the device up to 4.5 hours of continuous operation time. An external 5V power bank (battery pack) can be easily connected via a USB to USB-C connector for a significant increase of operating time. The device is equipped with fast EMMC storage for on-board video recording and image capturing. Onboard Wi-Fi module is also available for live video streaming and video/images recording via mobile application.

- 12 μ m high-sensitivity thermal detector
- Fast 50Hz imaging
- 1x, 2x, 4x, 8x Digital zoom
- Adjustable color palettes
- Built-in precision eye-safe laser rangefinder
- High resolution OLED display
- Various reticle types and colors
- Picture-in-Picture mode
- On-board video recording and snapshot
- Built-in EMMC storage (16 GB)
- Wi-Fi data transmission
- Standby mode
- Up to 4.5 hours continuous runtime
- External power supply compatibility
- Waterproof & shockproof
- Limited 3-year warranty





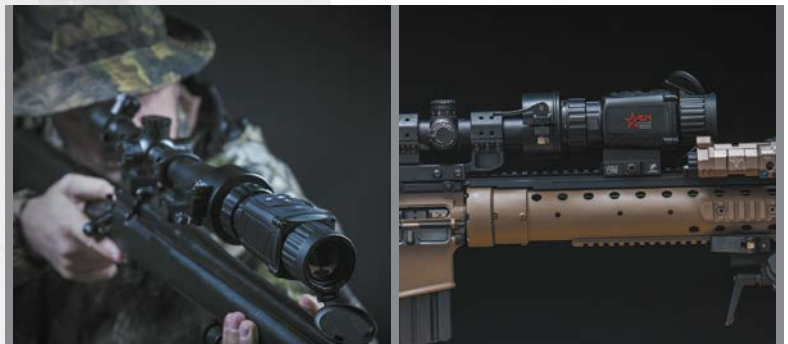
RATTLER TC THERMAL IMAGING CLIP-ON

The AGM Rattler TC is a compact thermal imaging clip-on system that allows quick transformation of the day optics into thermal imaging device without any special tools or equipment.

Rattler TC has a high-sensitivity thermal detector and 1024x768 OLED monitor, which provides a clear image under harsh environmental conditions like darkness, fog, smoke, dust, rain, snow, wood, camouflage, etc. The product is mainly applied to scenarios such as patrolling, hunting, overwatch, etc. The Rattler TC can easily be attached in front of rifle scopes with magnification up to 8x for medium range use.

Powered with two CR123 batteries the AGM Rattler TC gives up to 4.5 hours of continuous operation time. The device is equipped with 16 GB storage for on-board video recording and image capturing. Onboard Wi-Fi module is also available for live video streaming and video/images recording via mobile application.

- Quick conversion of daytime optics into thermal imaging scope
- Mounts in front of any daytime scope, no re-zeroing is required
- Lightweight and compact design
- High-sensitivity thermal detector
- Automatic or manual (silent) calibration
- Adjustable color palettes
- Supports distance measurement
- High-resolution OLED display
- Wi-Fi data transmission
- Video recording and snapshot capturing
- Built-in 16 GB EMMC memory module
- Waterproof, shockproof
- Powered by two standard CR123A batteries
- Up to 4.5 hours continuous working
- External power supply capability via USB-C interface
- Limited 3-year warranty





VICTRIX PRO THERMAL IMAGING CLIP-ON

The AGM Victrix PRO is a compact thermal imaging clip-on system that allows quick transformation of the day optics into thermal imaging device without any special tools or equipment.

Victrix PRO has a $12\mu\text{m}$ high-sensitivity thermal detector with and a 1024×768 OLED monitor, which provides a clear image under harsh environment conditions like darkness, fog, smoke, dust, rain, snow, wood, camouflage, etc. The product is mainly applied to scenarios such as patrolling, hunting, etc. The Victrix PRO can easily be attached in front of rifle scopes with magnification up to 8x for medium range use.

Powered with two CR123 batteries the AGM Victrix PRO TC gives up to 4.5 hours of continuous operation time. An external 5V power bank (battery pack) can be easily connected via a USB connector for a significant increase of operating time. The device is equipped with 16 GB storage for on-board video recording and image capturing. Onboard Wi-Fi module is also available for live video streaming and video/images recording via mobile application.



- Quick conversion of daytime optics into thermal imaging scope
- Mounts in front of any daytime scope, no re-zeroing is required
- $12\mu\text{m}$ high-sensitivity detector
- 384×288 or 640×512 thermal resolution
- 1024×768 resolution 0.39-inch OLED display
- Automatic or manual (silent) calibration
- Video recording and snapshot capturing
- Built-in 16 GB EMMC memory module
- Supports distance measurement
- Adjustable color palettes
- Wi-Fi data transmission
- Waterproof, shockproof
- Powered by two standard CR123A batteries
- Up to 4.5 hours continuous working
- External power supply capability
- Limited 3-year warranty





SPECIFICATIONS THERMAL IMAGING

THERMAL IMAGING MONOCULARS

	Asp-Micro TM160	Taipan TM10-256	Taipan TM15-256	Taipan TM15-384	Taipan TM19-384	Taipan TM25-384
Detector	17µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer
Resolution	160x120	256x192	256x192	384x288	384x288	384x288
Video Refresh Rate	50 Hz	25 Hz	25 Hz	50 Hz	50 Hz	50 Hz
Lens System	6.2 mm; F/1.1	10 mm; F/1.0	15 mm; F/1.0	15 mm; F/1.0	19 mm; F/1.0	25 mm; F/1.0
Optical Magnification	1x	1x	1.42x	1.5x	1.9x	2.5x
Field of View (H x V)	15.6° x 11.7°	18.0° x 13.65°	11.7° x 8.8°	17.5° x 13.1°	13.8° x 10.4°	10.5° x 7.9°
Digital Zoom	1x, 2x, 4x	1x, 2x, 4x, 8x	1x, 2x, 4x	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP
Weight	0.27 kg (0.6 lb)	0.26 kg (0.57 lb)	0.28 kg (0.62 lb)	0.29 kg (0.64 lb)	0.31 kg (0.68 lb)	0.30 kg (0.66 lb)
Dimensions	161 x 61 x 57 mm (6.3 x 2.4 x 2.2 in)	158 x 61 x 57 mm (6.23 x 2.4 x 2.2 in)	158 x 61 x 57 mm (6.23 x 2.4 x 2.2 in)	158 x 61 x 57 mm (6.2 x 2.4 x 2.2 in)	171 x 61 x 57 mm (6.7 x 2.4 x 2.2 in)	171 x 61 x 57 mm (6.7 x 2.4 x 2.2 in)

THERMAL IMAGING MONOCULARS

	StingIR-384	StingIR-640	Protector PRO TB50-384	Protector PRO TB50-640
Detector	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer
Resolution	384x288	640x480	384x288	640x480
Video Refresh Rate	50 Hz	50 Hz	50 Hz	50 Hz
Lens System	16 mm; F/1.3	27 mm; F/1.1	50 mm; F/1.0	50 mm; F/1.0
Optical Magnification	1x	1x	4x	2.5x
Field of View (H x V)	16.3° x 12.3°	16.3° x 12.3°	5.3° x 4.0°	8.8° x 7.0°
Digital Zoom	1x, 2x, 4x	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP
Weight	0.2 kg (0.44 lb)	0.22 kg (0.48 lb)	0.7 kg (1.5 lb)	0.7 kg (1.5 lb)
Dimensions	90 x 41x 67 mm (5.5 x 1.6 x 2.6 in)	90 x 41x 67 mm (5.5 x 1.6 x 2.6 in)	196 x 70 x 66 mm (7.7 x 2.7 x 2.6 in)	196 x 70 x 66 mm (7.7 x 2.7 x 2.6 in)

THERMAL IMAGING BINOCULARS

	Explorator PRO TB50-384	Explorator PRO TB50-640
Detector	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer
Resolution	384x288	640x480
Video Refresh Rate	50 Hz	50 Hz
Lens System	50 mm; F/1.0	50 mm; F/1.0
Optical Magnification	4x	2.5x
Field of View (H x V)	5.3° x 4.0°	8.8° x 7.0°
Digital Zoom	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP
Weight	0.81 kg (1.78 lb)	0.81 kg (1.78 lb)
Dimensions	260 x 112 x 63 mm (10.2 x 4.4 x 2.5 in)	260 x 112 x 63 mm (10.2 x 4.4 x 2.5 in)

THERMAL IMAGING RIFLE SCOPES

	Rattler TS19-256	Rattler TS25-256	Rattler TS25-384	Rattler TS35-384	Rattler TS35-640	Rattler TS50-640
Detector	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	17µm Uncooled Microbolometer	17µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer
Resolution	256x192	256x192	384x288	384x288	640x512	640x512
Video Refresh Rate	25 Hz	25 Hz	50Hz	50Hz	50Hz	50Hz
Lens System	19 mm; F/1.0	25 mm; F/1.0	25 mm; F/1.0	35 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0
Optical Magnification	2.5x	3.5x	2.5x	3x	2x	2.5x
Field of View (H x V)	9.3° x 6.9°	7.0° x 5.3°	10.5° x 7.9°	7.5° x 5.6°	12.5° x 10.0°	8.8° x 7.0°
Digital Zoom	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP
Weight	0.52 kg (1.15 lb)	0.53 kg (1.16 lb)	0.5 kg (1.1 lb)	0.51 kg (1.13 lb)	0.54 kg (1.18 lb)	0.61 kg (1.33 lb)
Dimensions	187 x 63 x 80 mm (7.4 x 2.5 x 3.1 in)	187 x 63 x 80 mm (7.4 x 2.5 x 3.1 in)	187 x 63 x 80 mm (7.4 x 2.5 x 3.1 in)	187 x 63 x 80 mm (7.4 x 2.5 x 3.1 in)	187 x 63 x 80 mm (7.4 x 2.5 x 3.1 in)	200 x 73 x 84 mm (7.8 x 2.9 x 3.3 in)

THERMAL IMAGING RIFLE SCOPES

	Secutor PRO TS50-384	Secutor PRO TS50-640	Adder TS35-384	Adder TS50-384	Adder TS35-640	Adder TS50-640
Detector	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer
Resolution	384x288	640x512	384x288	384x288	640x512	640x512
Video Refresh Rate	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Lens System	50 mm; F/1.0	50 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0
Optical Magnification	4x	2.5x	3x	4x	2x	2.5x
Field of View (H x V)	5.3° x 4.0°	8.8° x 7.0°	7.5° x 5.6°	5.2° x 3.9°	12.3° x 9.9°	8.7° x 7.0°
Digital Zoom	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP
Weight	0.76 kg (1.68 lbs)	0.76 kg (1.68 lb)	0.89 kg (1.96 lb)	0.97 kg (2.14 lb)	0.89 kg (1.96 lb)	0.97 kg (2.14 lb)
Dimensions	187 x 82 x 85 mm (7.4 x 3.2 x 3.3 in)	200 x 82 x 85 mm (7.9 x 3.2 x 3.3 in)	407 x 78 x 76 mm (16.0 x 3.1 x 3.0 in)	420 x 78 x 82 mm (16.5 x 3.1 x 3.2 in)	407 x 78 x 76 mm (16.0 x 3.1 x 3.0 in)	420 x 78 x 82 mm (16.5 x 3.1 x 3.2 in)

THERMAL IMAGING RIFLE SCOPES WITH LASER RANGEFINDER

	Varmint LRF TS35-384	Varmint LRF TS50-384	Varmint LRF TS35-640	Varmint LRF TS50-640
Detector	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer
Resolution	384x288	384x288	640x512	640x512
Video Refresh Rate	50Hz	50Hz	50Hz	50Hz
Lens System	35 mm; F/1.0	50 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0
Optical Magnification	3x	4x	2x	2.5x
Field of View (H x V)	7.5° x 5.6°	5.3° x 4.0°	12.5° x 10.0°	8.8° x 7.0°
Digital Zoom	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP
Laser Rangefinder	Up to 600 m, ±1 m	Up to 600 m, ±1 m	Up to 600 m, ±1 m	Up to 600 m, ±1 m
Weight	0.65 kg (1.44 lb)	0.72 kg (1.59 lb)	0.65 kg (1.44 lb)	0.72 kg (1.59 lb)
Dimensions	200 x 66 x 109 mm (7.8 x 2.6 x 4.3 in)	210 x 74 x 109 mm (8.3 x 2.9 x 4.3 in)	200 x 66 x 109 mm (7.8 x 2.6 x 4.3 in)	210 x 74 x 109 mm (8.3 x 2.9 x 4.3 in)

THERMAL IMAGING CLIP-ONS

	Rattler TC19-256	Rattler TC35-384	Rattler TC35-640	Rattler TC50-640	Victrix PRO TC50-384	Victrix PRO TC50-640
Detector	12µm Uncooled Microbolometer	17µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer
Resolution	256x192	384x288	640x512	640x512	384x288	640x512
Video Refresh Rate	25 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Lens System	19 mm; F/1.0	35 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0	50 mm; F/1.0	50 mm; F/1.0
Optical Magnification	1x	1x	1x	1x	1x	1x
Field of View (H x V)	9.2° x 6.9°	10.0° x 8.0°	12.5° x 10.0°	8.8° x 7.0°	7.5° x 5.6°	8.8° x 7.0°
Weight	0.41 kg (0.92 lb)	0.42 kg (0.93 lb)	0.42 kg (0.93 lb)	0.49 kg (1.08 lb)	0.62 kg (1.36 lb)	0.62 kg (1.36 lb)
Dimensions	153 x 62 x 59 mm (6.0 x 2.4 x 2.3 in)	153 x 62 x 59 mm (6.0 x 2.4 x 2.3 in)	153 x 62 x 59 mm (6.0 x 2.4 x 2.3 in)	153 x 78 x 66 mm (6.0 x 3.1 x 2.6 in)	166 x 82 x 66 mm (6.5 x 3.2 x 2.6 in)	166 x 82 x 66 mm (6.5 x 3.2 x 2.6 in)

A man wearing a blue baseball cap and a dark jacket is looking through a black monocular. The background is a blurred natural setting. A red banner is at the top right, and a red banner is at the bottom center.

FUSION IMAGING

- MONOCULARS
- BINOCULARS



FUZION FUSION THERMAL & OPTICAL BI-SPECTRUM MONOCULAR

The AGM Fuzion Handheld Thermal & Optical Bi-spectrum Monocular is equipped with a 12 μ m high-sensitivity thermal detector, an ultra-low light optical detector, a 1024x768 OLED display and a wide field of view eyepiece. The device can quickly detect hiding objects even under extreme environments such as smoke, fog, rain, snow, etc. It can be widely applied to scenarios including patrol, search and rescue, drug interdiction, hunting, and suspect apprehension. Due to its waterproof capability the device performs well even in severe weather conditions and challenging environments.

The Fuzion's user-friendly interface, and ergonomic operating controls makes implementation incredibly simple. The monocular offers three different variants of image view: thermal, visible light, and fusion that can be easily adapted depending on different environmental conditions. The Fuzion uses one 18650 rechargeable Lithium battery for up to 5-hours of operating time. In addition, an external power supply can be used to provide an increase in operating time.

- Bi-spectrum image fusion and object highlight
- Detail enhancement and target recognition
- Selection of thermal view channel, visible light channel, or both them combined
- 12 μ m high-sensitivity thermal detector
- Fast 50 Hz imaging
- 1x, 2x, 4x, 8x digital zoom
- Ultra-low illumination optical channel
- 1920x1080 optical resolution
- 1024x768 resolution, 0.39-inch OLED display
- Video recording and snapshot, built-in EMMC (16 GB)
- Wi-Fi hotspot
- Standby mode
- Up to 5 hours continuous running
- Waterproof
- Limited 3-Year Warranty





FUZION LRF FUSION THERMAL & OPTICAL BI-SPECTRUM MONOCULAR

The AGM Fuzion LRF Handheld Thermal & Optical Bi-spectrum Monocular is equipped with a 12µm high-sensitivity thermal detector, an ultra-low light optical detector, 1024x768 OLED display and eyepiece wide field of view eyepiece. The monocular offers three different variants of image view: thermal, visible light, and fusion that can be easily adapted depending on different environmental conditions.

The device can quickly detect hiding objects even under extreme environments such as smoke, fog, rain, snow, etc. This high-tech monocular is equipped with a laser rangefinder for measurement of target distance. It can be widely applied to scenarios including patrol, search and rescue, drug interdiction, and suspect apprehension. Due to its waterproof capability the device performs well even in severe weather conditions and challenging environments.

- Bi-spectrum image fusion and object highlight
- Detail enhancement and target recognition
- Selection of thermal view channel, visible light channel, or both of them combined
- 12 µm high-sensitivity thermal detector
- Fast 50 Hz imaging
- 1x, 2x, 4x, 8x digital zoom
- Digital image processing technology
- Ultra-low illumination optical channel
- 1920x1080 optical resolution
- Built-in precision eye-safe laser rangefinder
- 1024x768 resolution, 0.39-inch OLED display
- Video recording and snapshot, built-in EMMC (16 GB)
- Wi-Fi hotspot
- Standby mode
- Up to 5 hours continuous running
- Waterproof
- Limited 3-Year Warranty





F14 FUSION I2 NIGHT VISION & THERMAL TACTICAL MONOCULAR

The AGM F14 Fusion Night Vision Tactical Monocular combines I² night vision and thermal imaging technologies. The F14 bi-spectrum monocular is a device that can observe and search under extreme environments such as darkness, smoke, fog, rain, snow, etc. Due to its waterproof capability the device performs well even in severe weather conditions.

The AGM F14 can be outfitted with either a Gen 2+ or Gen 3 high-performance image intensifier tube (IIT) and 12 μ m high sensitivity thermal detector with 640x512 resolution. The F14 can be used as hand-held device or mounted on a helmet. The device offers different variants of image view: thermal, I² night vision, and enhanced fusion image that can be easily adapted depending on different environmental conditions. The F14 is also equipped with manual gain control, which adjusts the image brightness, providing the highest possible image quality even in changing light conditions. The monocular uses two 18650 rechargeable Lithium battery in the external holder for up to 8-hours of operating time in fusion image mode. In I² night vision mode device can run more than 60 hours.



- Bi-spectrum image fusion and object highlight
- Detail enhancement and target recognition
- Selection of thermal view, I² night vision, or both combined with multiple fusion modes
- 12 μ m, 640x512 high-sensitivity thermal detector
- Digital zoom in thermal channel
- Azimuth and Pitch/Inclination indication
- Brightness and contrast adjustable
- Extra-large exit pupil diameter (15mm)
- Low power consumption
- Aviation plug for external power supply and video output
- Waterproof
- Limited 3-Year Warranty





EXPLORATOR FSB50 BI-SPECTRUM BINOCULARS

AGM Explorator FSB50-640 handheld thermal & optical bi-spectrum binocular is equipped with an ultra-low light optical detector, a 640x512 thermal detector, and 1024x768 OLED displays. The device can quickly discover and locate hiding objects even under extreme environment, such as smoke, fog, rain and snow. It can be widely applied to scenarios like patrol, law enforcement, search and rescue, drug enforcement, anti-smuggling and suspect capture.

Due to its waterproof capability the device performs well even in severe weather conditions and challenging environment. The Explorator's user-friendly interface, comfortable and ergonomic buttons makes adoption and application incredibly simple. The thermal imaging unit offers many different variants of image palettes: white hot/black hot, etc. that can be easily adapted depending on different environmental conditions.

The unit can be easily mounted on a tripod which grants operator convenient/hands free use of thermal binocular.

This high-tech binocular can take four 18650 rechargeable Lithium batteries for more than 7 hours operating time. In addition, the external power (5V) provides an additional operating time.



- Thermal module: 640x512@25fps. Optical module: 1280x960@25fps
- DDE (Digital Detail Enhancement)
- 3D DNR, adaptive AGC (Automatic Gain Control)
- Ultra-low illumination (optical channel)
- High resolution 1024x768 OLED display
- Automatic OLED backlight
- Manual focus for thermal lens
- Bi-spectrum image fusion and object highlight for detail enhancement and target recognition
- Video recording, replay, picture snapshot and search (capable to review the event on device)
- Wi-Fi hotspot, GPS, cursor display
- Up to 7 hours continuous running
- IP67
- Limited 3-Year Warranty





SPECIFICATIONS FUSION THERMAL IMAGING

FUSION MONOCULARS

	FuzionTM25-384	Fuzion TM35-384	Fuzion TM35-640	Fuzion LRF TM25-384	Fuzion LRF TM35-384	Fuzion LRF TM35-640	Fuzion LRF TM50-640
Detector	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer	12µm Uncooled Microbolometer
Resolution	384 x 288	384 x 288	640 x 512	384 x 288	384 x 288	640 x 512	640 x 512
Video Refresh Rate	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Lens System	25 mm; F/1.0	35 mm; F/1.0	35 mm; F/1.0	25 mm; F/1.0	35 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0
Optical Magnification	2.5x	3.5x	2x	2.5x	3.5x	2x	2.5x
Field of View (H x V)	10.5° x 7.9°	7.5° x 5.7°	12.5° x 10°	10.5° x 7.9°	7.5° x 5.7°	12.5° x 10°	8.7° x 7.0°
Digital Zoom	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x
Optical Module	22 mm; F/1.0; 1960x1200@25fps	22 mm; F/1.0; 1960x1200@25fps	22 mm; F/1.0; 1960x1200@25fps	22 mm; F/1.0; 1960x1200@25fps	22 mm; F/1.0; 1960x1200@25fps	22 mm; F/1.0; 1960x1200@25fps	22 mm; F/1.0; 1960x1200@25fps
Laser Rangefinder	No	No	No	Up to 600 m, ±1 m	Up to 600 m, ±1 m	Up to 600 m, ±1 m	Up to 600 m, ±1 m
Weight	0.47 kg (1.04 lb)	0.48 kg (1.06 lb)	0.48 kg (1.06 lb)	0.51 kg (1.12 lb)	0.52 kg (1.15 lb)	0.52 kg (1.15 lb)	0.59 kg (1.3 lb)
Dimensions	161 x 87 x 51 mm (6.3 x 3.4 x 2.0 in)	168 x 87 x 51 mm (6.6 x 3.4 x 2.0 in)	168 x 87 x 51 mm (6.6 x 3.4 x 2.0 in)	161 x 87 x 74 mm (6.3 x 3.4 x 2.9 in)	168 x 87 x 74 mm (6.6 x 3.4 x 2.9 in)	168 x 87 x 74 mm (6.6 x 3.4 x 2.9 in)	180 x 87 x 74 mm (7.1 x 3.4 x 2.9 in)

F14 TACTICAL FUSION MONOCULARS

	F14 (Thermal Module)	F14 (I ² NV Module)
Detector	12µm Uncooled Microbolometer	Gen 2+ or Gen 3 I ² Tube
Resolution	640x512	64 - 72 lp/mm
Video Refresh Rate	50 Hz	-
Lens System	16 mm; F/1.3	25 mm; F/1.0
Optical Magnification	1x	1x
Field of View	25.8° x 19.1°	40°
Digital Zoom	1x, 2x, 4x, 8x	-
Weight	0.38 kg (0.84 lb)	-
Dimensions	100 x 71 x 86 mm (3.9 x 2.8 x 3.4 in)	-

FUSION BINOCULARS

	Explorator FSB50-640
Detector	17µm Uncooled Microbolometer
Resolution	640x512
Video Refresh Rate	25 Hz
Lens System	50 mm; F/1.0
Optical Magnification	2.4x
Field of View (H x V)	12.42° x 9.95°
Digital Zoom	1x, 2x, 4x
Optical Module	22 mm; F/1.0; 1920x1080@25fps
Weight	1.0 kg (2.2 lb)
Dimensions	164 x 182 x 73 mm (6.5 x 7.2 x 3.9 in)



NIGHT VISION

- MONOCULARS
- BINOCULARS
- RIFLE SCOPES
- CLIP-ON SYSTEMS



WOLF-14 NIGHT VISION MONOCULAR

The Wolf-14 is a durable, and versatile night vision monocular that delivers great performance at a reasonable price. Packed with high-tech features, the Wolf-14 is equally suited for law enforcement and security professionals as it is for hunting and recreation. The Wolf-14 can be hand-held or mounted on a helmet or headgear. A specialized mount enables the ability to mount in front of a camcorder or camera makes it ideal for night photography. With a variety of compatible lenses, long-range nighttime viewing is available in seconds. The Wolf-14 features bright light shut-off circuitry and a built-in spot/flood IR illuminator. The Wolf-14 can be equipped with high-performance Gen 2 image intensifier tubes in green or white phosphor.

- Available in both Green (P43) and White (P45) Gen2 configurations
- Compact, rugged design
- Head or helmet mountable for hands-free usage
- Bright light cut-off
- Ergonomic, simple, easy to operate controls
- Utilizes single CR123A lithium battery or AA Alkaline: adapter included
- Built-in Infrared illuminator and flood lens
- Limited 3-year warranty





PVS-14, PVS14-51 NIGHT VISION MONOCULAR

The AGM PVS-14 Night Vision Monocular is a rugged, lightweight, multi-purpose night vision device that has repeatedly proven itself in combat. The PVS-14 design was originally commissioned by the United States Military to enable nighttime operations. This monocular is used globally in some of the most challenging environments. The PVS-14 can be used as a handheld device, or mounted on the included head harness. With the proper accessories, it can also be mounted to various combat helmets. The PVS-14 monocular conforms to 810G Military standards and demonstrates the highest quality form and function.

The PVS-14 monocular is a full-featured unit. Weighing less than 12.4 ounces/ 0.32 kilograms. The unit includes manual gain control, an automatic bright light shut-off feature, and a built-in Infrared (IR) illuminator. The bright light shut-off feature ensures that the high-quality photocathode tube is protected. AGM's PVS-14 includes an array of optional accessories to support virtually any operation.

The PVS14-51 model has an extended field of view. Its 51° FOV covers a large visual range, without requiring the operator to shift the position of the device.

- Available in 40 deg FOV or larger 51 deg FOV configurations
- Available in both Green (P43) and White (P45) Gen2 and Gen3 configurations
- Compact, rugged design
- Waterproof
- Head or helmet-mountable for hands-free usage
- Manual gain control
- Ergonomic, simple, easy-to-operate controls
- Built-in Infrared illuminator
- Limited 3-year warranty





WOLF-7 NIGHT VISION GOGGLES

The AGM Wolf-7 is a bi-ocular Night Vision goggle system built around high-grade Gen 2+ image intensifier tubes. They are an exceptional choice for hands-free use. Built with high-grade optics and simple, reliable electronics, the Wolf-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 AGM Wolf-7 is available with a variety of accessories such as 3x and 5x 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 Wolf-7 is the perfect hands-free unit for a variety of tough operations.

- Available in both Green (P43) and White (P45) Gen2 configurations
- Lightweight compact rugged goggle system
- Multi-purpose: Hand-held, head-mounted or helmet mounted
- Comfortable flip-up headgear
- Multi-coated all-glass optics
- Wide angle infrared illuminator
- Auto brightness control
- Bright light cut-off
- Utilizes single CR123A lithium battery or AA Alkaline
- Waterproof
- Limited 3-year warranty





PVS-7 NIGHT VISION GOGGLES

The PVS-7 is widely recognized for its unsurpassed dependability, and ergonomic design. This U.S. Military-grade night vision goggle system has repeatedly proven its worth in combat, and is the highest-quality AN/PVS-7 B/D system on the market. The PVS-7 can be outfitted with high-performance Gen 2+, or Gen 3 image intensifier tubes (available in P43 green phosphor or P45 white phosphor).

The PVS-7 is equipped with Automatic Brightness Control (ABC) to adjust image brightness in changing light conditions to maintain image definition and clarity. The built-in infrared illuminator provides a light source beyond the visible spectrum to enable the user to operate in complete darkness without being detected.

Additionally, the PVS-7 has a bright light cutoff feature to protect the image tube from sources of intense light, and a flip-up shut-off feature that can be used with the optional helmet mount system. The PVS-7 has two LED indicators in the eyepiece for the IR illuminator on and low battery indicator.

Lightweight, tough, and versatile, the PVS-7 can be handheld, or mounted to the user's head/helmet. It is compatible with afocal magnifier lenses for superior long-range viewing.

- Available in both Green (P43) and White (P45) Gen2 or Gen3 configurations
- Compact, rugged design
- Waterproof
- Head or helmet-mountable for hands-free operation
- Ergonomic, simple, easy-to-operate controls
- Built-in Infrared illuminator
- Limited 3-year warranty





NVG-40, NVG-50 NIGHT VISION GOGGLES / BINOCULARS

The AGM NVG-40/NVG-50 is a dual-channel night vision system. The NVG system uses advanced multi-coated optics and is built to last with a compact composite housing. The device can be outfitted with either a Gen 2+ or Gen 3 high-performance image intensifier tube (IIT). The bright light cut-off feature ensures that the high-quality photocathode tube is protected. The NVG is also equipped with Manual Gain Control, which adjusts the image brightness, providing the highest possible image quality even in changing light conditions. Operating from a single AA alkaline battery or CR123A battery, the NVG can run up to 20 hours. Also equipped with an integral infrared illuminator for reading in the dark. With a 51° field of view, NVG-50 model provide a large visual field without needing to move the binoculars.

- Available in both Green (P43) and White (P45) Gen2 or Gen3 configurations
- Redundant dual-tube design
- True stereoscopic vision
- Wide 51° field of view (NVG-50)
- Lightweight & compact
- Head or helmet mountable for hands-free operation
- Bright light cut-off
- Manual gain control
- Ergonomic, simple, easy to operate controls
- Built-in infrared illuminator
- Utilizes single CR123A lithium or AA battery
- Limited 3-year warranty





FOXBAT NIGHT VISION BI-OCULAR

The AGM FoxBat night vision bi-ocular is the perfect tool for mid-range and long-range observation. The FoxBat combines a single high quality image intensifier tube with an image beam splitter and double eyepiece, making it applicable for long viewing sessions. The FoxBat is packed with features such as digital controls, and a proximity sensor for automatic shut off in varying light conditions. This night vision bi-ocular is the ideal choice for security and recreational use.

- Available in both Green (P43) or White (P45) Gen2 configurations
- 5x or 8x magnification
- Super-fast, multi-coated, all-glass optics
- Dual eye viewing system for long viewing sessions
- Detachable long-range infrared illuminator
- Rugged and versatile design
- Water and fog resistance
- Tripod mountable
- Hand strap and neck strap for comfort of use
- Limited 3-year warranty





FOXBAT-LE NIGHT VISION BI-OCULAR

The AGM FoxBat-LE night vision bi-ocular is the perfect tool for mid-range and long-range observation. The FoxBat-LE is compatible with a range of professional high-quality objective lenses to match all users' requirements currently available in three configurations - 6x, 7x, and 10x magnification.

The FoxBat-LE is a professional night vision device favored by law enforcement and military units due to its unmatched performance, even in extreme temperatures and challenging weather conditions such as rain or excessive humidity. The device can be outfitted with either a Gen 2+ or Gen 3 high-performance image intensifier tube (IIT), which can be repaired or upgraded easily. The bright light shut-off feature ensures that the high-quality photocathode tube is protected. The FoxBat-LE is also equipped with Automatic Brightness Control (ABC), which adjusts the image brightness automatically, providing the highest possible image quality even in changing light conditions. FoxBat-LE is supplied with two AA batteries and its operating time is up to 40 hours of continuous use.

- Available in both Green (P43) and White (P45) Gen2 and Gen3 configurations
- 6x, 7x, or 10x magnification
- Lightweight rugged design
- Waterproof
- Auto brightness control
- Ergonomic and easy to operate controls
- Limited 3-year warranty



FoxBat-LE7



FoxBat-LE6



FoxBat-LE10



WOLVERINE 4 NIGHT VISION RIFLE SCOPE

The Wolverine-4 is a rugged and advanced night vision rifle scope that offers excellent performance at a competitive price. Boasting a high-quality Gen 2+ image intensifier tube, adjustable illuminated reticle, easy-to-use internal windage and elevation adjustments, and simple controls, the Wolverine-4 allows you to see beyond the expected in nighttime conditions. This rifle scope is manufactured using a specially-coated aircraft alloy. The Wolverine-4 is fitted with a Picatinny/Weaver mount that allows for highly accurate rail positioning, ensuring user comfort. Accessory mounting rails allow easy mounting of long-range IR illuminator or other compatible accessories. The manual precision top wheel focus provides improved accuracy and ergonomics. Water-resistant, lightweight, and robust, the Wolverine-4 is the ideal night vision rifle scope for dedicated hunters and tactical marksmen.

- High-quality Green (P43) Gen 2+ image intensifier tube
- 4.5x magnification
- Shock resistant all-glass IR transmission multi-coated optics
- Made from aircraft aluminum alloy
- Illuminated reticle with brightness adjustment
- Utilizes single CR123A Lithium battery
- Mounts to standard weaver rails
- Limited 3-year warranty





WOLVERINE PRO NIGHT VISION RIFLE SCOPE

The Wolverine Pro represents our newest series of military grade level Night Vision rifle scopes. The Wolverine Pro utilizes a high strength aluminum design to service the rugged day-to-day requirements and ever-changing environments. Except for the optical elements, all external surfaces utilize a non-reflective matte black finish. The external objective lens and eyepiece lens elements are protected with an ultra-durable (scratch-resistant) coating. Controls and adjustments are easy to operate and include reticle brightness, eyepiece focus, range (distance) focus, plus windage and elevation adjustments.

- Available in both Green (P43) and White (P45) Gen2 and Gen3 configurations
- 4x or 6x magnification
- Easy to operate
- Illuminated reticle with brightness adjustment
- Powered by 2 AA batteries
- Waterproof
- 40 hour continuous operation
- Quick-release mount
- Limited 3-year warranty





HORUS DIGITAL DAY & NIGHT VISION RIFLE SCOPE

AGM Horus is the digital day & night vision scope developed for 24 hours operation in all ambient light. The Horus can be mounted to the weapon using standard scope mounts for 30mm tubes. The traditional-style 30mm tube meets the needs of professional hunters who value traditions and seek technological superiority, ensure an extreme shooting range.

Digital riflescope has an advanced high-resolution sensor and 1024x768 OLED monitor, which provides full-color clarity in daytime and classic black & white viewing at night.

The scope is equipped with unique dual power system. Two built-in 18650 rechargeable batteries with one CR123A replaceable Lithium battery provide up to 11 hours of continuous operation. The device has fast 64GB EMMC storage for on-board video recording and image capturing. Shot Activated Recording (SAR) function allows you not to worry about having to start recording manually each time. Wi-Fi module for live video streaming and video/images recording via application are also available.

- High-definition sensor
- Supports Day/Night mode
- High-resolution OLED display
- 1x, 2x, 4x, 8x digital zoom
- On-board video and audio recording
- Shot Activated Recording (SAR)
- Wi-Fi data transmission
- Fast 64GB EMMC built-in storage
- Various reticle types and colors
- Standby mode
- Waterproof & Shockproof
- Dual power system
- Up to 11 hours continuous working
- Limited 3-year warranty





COMANCHE-MINI NIGHT VISION CLIP-ON SYSTEM

Designed for short-to-medium range observation, the AGM Comanche-Mini is the one of most compact clip-on night vision device. The Comanche-Mini is designed to convert most low-to-mid power daytime sights, scopes, or binoculars into night vision devices. The Comanche-Mini can be mounted in seconds without tools. It can be attached in front of the day scope (or binocular/telescope) objective lens with the included adaptor.

The AGM Comanche-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. The Comanche-Mini is suitable for use with most commercial and military specification daytime sights, telescopes or binoculars (up to 6X magnification). Because the Comanche-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.

- Available in both Green (P43) or White (P45) Gen2 and Gen3 configurations
- Simple, quick conversion of daytime scopes to NVDs
- Mounts in front of any daytime scope, no re-zeroing required
- Powered by a single CR123A Lithium battery
- Auto brightness or manual gain control
- Bright-light cut-off system
- Limited 3-year warranty





COMANCHE-X NIGHT VISION CLIP-ON SYSTEM

The AGM Comanche-X night vision clip-on system is designed for mid-range nighttime shooting. The Comanche-22 delivers exceptional clarity, reliability, and versatility providing the most significant functionality and features at the lowest possible price.

The Comanche-X is mounted to a standard Weaver or Picatinny rail in front of an existing day scope. Transforming it into a night vision device with no re-zeroing required. This clip-on can be used with day scopes of up to 7x magnification for optimal performance and is equipped with a Picatinny mount and wireless remote control. It provides greater target acquisition, and enhanced aiming capabilities making it extremely practical and effective during the most challenging missions.

- Available in both Green (P43) or White (P45) Gen2 configurations
- Simple, quick conversion of daytime scopes to NVDs
- Mounts in front of any daytime scope, no re-zeroing required
- Equipped with a wired remote control
- Powered by a single CR123A Lithium (3V) or RCR123 rechargeable (up to 3.6V) battery
- Auto brightness control
- Bright-light cut-off system
- Mounts to standard weaver rail or to day scope lens using Front Scope Mount
- Limited 3-year warranty





COMANCHE-22 NIGHT VISION CLIP-ON SYSTEM

The AGM Comanche-22 night vision clip-on system uses the latest advances in night vision clip-on technology. Designed for mid-range nighttime shooting, the Comanche-22 delivers exceptional clarity, reliability, and versatility providing the most significant functionality and features at the lowest possible price.

The Comanche-22 is mounted to a standard Weaver or Picatinny rail in front of an existing day scope; transforming it into a night vision device with no re-zeroing required. This NVCO can be used with day scopes of up to 7x magnification for optimal performance and is equipped with a quick release mount and wireless remote control. It provides greater target acquisition, and enhanced aiming capabilities making it extremely practical and effective during the most challenging missions.

- Available in both Green (P43) or White (P45) Gen2 and Gen3 configurations
- Simple, quick conversion of daytime scopes to NVDs
- Mounts in front of any daytime scope, no re-zeroing required
- Equipped with a wireless remote control
- Powered by a single Alkaline 1.5V AA or 3V CR123A Lithium battery
- Auto brightness control
- Bright-light cut-off system
- Quick-release mount
- Limited 3-year warranty





COMANCHE-40 NIGHT VISION CLIP-ON SYSTEM

The Comanche-40 night vision clip-on system uses the latest advances in night vision clip-on technology. Designed for mid-range and long-range nighttime shooting, the Comanche-40 delivers exceptional clarity, reliability, and versatility providing the most significant functionality and features at the lowest possible price.

The Comanche-40 is mounted to a standard Weaver or Picatinny rail in front of an existing day scope; transforming it into a night vision device with no re-zeroing required. This NVCO can be used with day scopes of up to 12x magnification for optimal performance and is equipped with a quick release mount and remote control. It provides unmatched target acquisition and enhanced aiming capabilities, making it extremely practical and effective during the most challenging missions.

- Available in both Green (P43) or White (P45) Gen2 and Gen3 configurations
- Simple, quick conversion of daytime scopes to NVDs
- Manual gain control
- Mounts in front of any daytime scope, no re-zeroing required
- Equipped with a remote control
- Powered by a single Alkaline 1.5VAA or 3V CR123A Lithium battery
- Bright-light cut-off system
- Quick-release mount
- Limited 3-year warranty





SPECIFICATIONS NIGHT VISION

NIGHT VISION MONOCULARS

	Wolf-14	PVS-14	PVS14-51
NV Generation	Gen 2+	Gen 2+; Gen 3	Gen 2+; Gen 3
Lens System	27 mm; F/1.2	26 mm; F/1.2	19 mm; F/1.26
Magnification	1x	1x	1x
Field of View	40°	40°	51°
Weight	0.46 kg (1.0 lb)	0.32 kg (0.71 lb)	0.30 kg (0.66 lb)
Dimensions	157 x 60 x 75 mm (6.1 x 2.3 x 2.9 in)	114 x 63 x 69 mm (4.5 x 2.5 x 2.7 in)	102 x 63 x 69 mm (4.0 x 2.5 x 2.7 in)

NIGHT VISION GOGGLES

	Wolf-7	PVS-7	NVG-40	NVG-50
NV Generation	Gen 2+	Gen 2+; Gen 3	Gen 2+; Gen 3	Gen 2+; Gen 3
Lens System	24 mm, F/1.2	27 mm; F/ 1.2	27 mm; F/1.3	19 mm; F/1.26
Magnification	1x	1x	1x	1x
Field of View	40°	40°	40°	51°
Weight	0.45 kg (0.9 lb)	0.68 kg (1.5 lb)	0.64 kg (1.42 lb)	0.61 kg (1.35 lb)
Dimensions	188 x 122 x 70 mm (7.4 x 4.8 x 2.8 in)	162 x 152 x 76 mm (6.4 x 6.0 x 3.0 in)	115 x 118 x 74 mm (4.5 x 4.6 x 2.9 in)	112 x 118 x 74 mm (4.4 x 4.6 x 2.9 in)

NIGHT VISION BINOCULARS

	FoxBat-5	FoxBat-8	FoxBat-LE6	FoxBat-LE7	FoxBat-LE10
NV Generation	Gen 2+	Gen 2+; Gen 3	Gen 2+; Gen 3	Gen 2+; Gen 3	Gen 3
Lens System	27 mm; F/1.2	160 mm; F/2.0	145 mm; F/1.8	192 mm; F/2.13	250 mm; F/2.0
Magnification	5x	8x	5.6x	7.4x	9.6x
Field of View	9.5°	6.5°	7°	5.4°	4°
Weight	1.35 kg (2.9 lb)	1.55 kg (3.4 lb)	1.02 kg (2.25 lb)	1.34 kg (2.95 lb)	1.9 kg (4.2 lb)
Dimensions	262 x 140 x 81 mm (10.3 x 5.5 x 3.1 in)	307 x 140 x 100 mm (12.0 x 5.5 x 3.9 in)	282 x 152 x 96 mm (11.1 x 6.0 x 3.8 in)	343 x 152 x 104 mm (13.5 x 6.0 x 4.1 in)	382 x 152 x 137 mm (15.0 x 6.0 x 5.4 in)

NIGHT VISION RIFLE SCOPES

	Wolverine	Wolverine Pro 4	Wolverine Pro 6
NV Generation	Gen 2+	Gen 2+; Gen 3	Gen 2+; Gen 3
Lens System	108 mm; F/1.54	70 mm; F/1.4	100 mm; F/1.5
Magnification	4.5x	4x	6x
Field of View	9.5°	8,3°	5,7°
Weight	1.13 kg (2.4 lb)	1.07 kg (2.35 lb)	1.47 kg (3.25 lb)
Dimensions	325 x 84x 94 mm (12.9 x 3.3 x 3.7 in)	210 x 96 x 85 mm (8.3 x 3.8 x 3.3 in)	285 x 108 x 91 mm (11.2 x 4.3 x 3.6 in)

DIGITAL DAY & NIGHT VISION RIFLE SCOPES

	Horus DS50-2MP
NV Technology	Digital
Lens System	5 mm; F/1.2
Sensor	1440x1080 CMOS
Magnification	4x
Field of View	5.15° x 3.87°
Weight	1.06 kg (2.3 lb)
Dimensions	442 x 78 x 83 mm (17.4 x 3.1 x 3.3 in)

NIGHT VISION CLIP-ONS

	Comanche-Mini	Comanche-X	Comanche-22	Comanche-40
NV Generation	Gen 2+; Gen 3	Gen 2+	Gen 2+; Gen 3	Gen 2+; Gen 3
Lens System	45 mm; F/1.5	80 mm; F/1.44	80 mm; F/1.44	80 mm; F/1.44
Magnification	1x	1x	1x	1x
Field of View	14°	12°	12°	12°
Weight	0.47 kg (1.0 lb)	0.68 kg (1.65 lb)	0.75 kg (1.65 lb)	1.04 kg (2.3 lb)
Dimensions	148 x 75 x 72 mm (5.8 x 2.9 x 2.8 in)	150 x 80 x 72 mm (5.9 x 3.1 x 2.8 in)	168 x 85 x 80 mm (6.6 x 3.3 x 3.1 in)	189 x 104 x 90 mm (7.4 x 4.1 x 3.5 in)



AGM GEN 2+ AND GEN 3 I² TUBES

IMAGE INTENSIFIER TUBES

The majority of Gen 2+ and Gen 3 Image Intensifier tubes (IIT) used in AGM systems are designed as compact 18mm format, inverting or non-inverting dual proximity focused devices with high sensitivity photocathodes. AGM Global Vision offers the image intensifier tubes with a P-43 (green) or P-45 (white) phosphor screen in three performance levels. The main differences among the levels are tubes technical parameters and cosmetics.

GEN 2+ IIT

NL1 – Gen 2+ "Level 1" Photonis FOM 1400-1800 green phosphor tube (P43). NL1 is the highest performing and the cleanest Gen 2 IIT offered out of the 3 levels. There are practically no visible spots in Zone 1.

NL2 – Gen 2+ "Level 2" green phosphor tube (P43). NL2 is the second-best quality Gen 2 IIT offered, very limited number of spots in Zone 1.

NL3 – Gen 2+ "Level 3" green phosphor tube (P43). NL3 offers good quality at competitive pricing.

NW1 – Gen 2+ "Level 1" Photonis FOM 1400-1800 white phosphor tube (P45). NW1 is the highest performing and the cleanest Gen 2 IIT offered out of the 3 levels. There are practically no visible spots in Zone 1.

NW2 – Gen 2+ "Level 2" white phosphor tube (P45). NW2 is the second-best quality Gen 2 IIT offered, very limited number of spots in Zone 1.

NW3 – Gen 2+ "Level 3" white phosphor tube (P45). NW3 offers good quality at competitive pricing.

Advanced Performance Gen 2+ IIT: Highest performing and the cleanest Gen 2+ IIT offered. Made in EU.

AP – Gen 2+ Advanced Performance Auto-Gated Photonis FOM 1800-2300 green phosphor tube (P43).

APW – Gen 2+ Advanced Performance Auto-Gated Photonis FOM 1800-2300 white phosphor tube (P45).

GEN 3 IIT: All Gen 3 IIT offered by AGM are Made in USA.

3AL1 – Gen 3 "Level 1" Auto-Gated FOM 1400-1800 green phosphor tube (P43). 3AL1 is the highest performing and the cleanest Gen 3 IIT offered out of the 3 levels. There are practically no visible spots in Zone 1.

3AL2 – Gen 3 "Level 2" Auto-Gated green phosphor tube (P43). 3AL2 is the second-best quality Gen 3 IIT offered, very limited number of spots in Zone 1.

3AL3 – Gen 3 "Level 3" Auto-Gated green phosphor tube (P43). 3AL3 offers good quality at competitive pricing.

3AW1 – Gen 3 "Level 1" Auto-Gated FOM 1400-1800 white phosphor tube (P45). 3AW1 is the highest performing and the cleanest Gen 3 IIT offered out of the 3 levels. There are practically no visible spots in Zone 1.

3AW2 – Gen 3 "Level 2" Auto-Gated white phosphor tube (P45). 3AW2 is the second-best quality Gen 3 IIT offered, very limited number of spots in Zone 1.

3AW3 – Gen 3 "Level 3" Auto-Gated white phosphor tube (P45). 3AW3 offers good quality at competitive pricing.

Advanced Performance Gen 3 IIT: Highest performing and the cleanest Gen 3 IIT made by L3 and Elbit.

3AP – Gen 3 Advanced Performance FOM 2200+ Auto-Gated green phosphor tube (P43).

3APW – Gen 3 Advanced Performance FOM 2000+ Auto-Gated white phosphor tube (P45).



	GEN 2+	GEN 3
Resolution, lp/mm	45 - 72	64 - 72
Photocathode Sensitivity		
@2856°K, $\mu\text{A}/\text{lm}$	250 - 850	1500 - 2000
@880 nm mA/W	55 - 190	55 - 100
Signal-to-Noise Ratio	18 - 33	22 - 31
FOM	800 - 2300	1400 - 2200+
Halo, mm	-	> 0.85 / > 0.7
EBI, $\times 10^{-11}$ lm/cm² (max)	2.5	2.5
Luminous Gain, fL/fc		
@ 2×10^{-6} fc (min-max)	40,000 - 70,000	50,000 - 80,000
@ 2×10^{-4} fc (min-max)	10,000 - 20,000	14,000 - 21,000
Output Brightness, fL @1 and 20 fc	2.8 - 3.1	2.8 - 4.2
MTF (minimum)		
@2.5 lp/mm	92%	Info only
@7.5 lp/mm	80%	Info only
@15.0 lp/mm	61%	61%
@25.0 lp/mm	38%	38%
Reliability, Hours (min)	10,000	10,000
Photocathode Diameter, mm (min)	17.5	17.5
Power Supply	Built-in	Built-in Auto-gated/ Non-auto-gated





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