



VISION WITHOUT LIMITS



2025 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, binoculars, monoculars, goggles, multispectral lasers, infrared illumination devices, and more.

AGM was originally founded in Springerville, Arizona in 2019. Now being run by both Gary and Mark Tarakanov, their combined industry experience has quickly allowed AGM to grow into one of the largest and most recognized electro-optics, thermal imaging and night vision brands in the United States. Through a combination of decades of combined product development expertise, leveraging long-established wholesale relationships and strategic hiring, AGM has rapidly expanded to a level that has allowed them to open additional office and warehousing locations in Grand Prairie, Texas and Miami, Florida.

AGM's entire brand development strategy is based, in one fashion or another, on a commitment to gaining their customer's trust through continuous improvement and customer service. This entails leveraging not only the latest advancements in optical technology for both commercial and non-commercial uses, but also ensuring that our customer's are satisfied enough to where they make AGM products foundational to their outdoors, hunting and tactical needs. With your help, AGM will continue to evolve and expand on its production, distribution and service channels in the months and years to come.



NEW FOR 2025



AdderV² LRF

THERMAL RIFLE SCOPE

**NEW
2025**



- Superior sub-15 milikelvin thermal sensitivity
- Built-in 1000m laser rangefinder
- Integrated ballistic calculator
- Wide range of sensor and lens options

FOR MORE DETAILS, SEE PAGE 7

Evolver LRF 1280

THERMAL RIFLE SCOPE

**NEW
2025**



- 75mm lens and 1280x1024 resolution
- Superior sub-18 milikelvin thermal sensitivity
- Built-in 1000m laser rangefinder
- Integrated ballistic calculator

FOR MORE DETAILS, SEE PAGE 8

RattlerV³ LRF

THERMAL RIFLE SCOPE

**NEW
2025**



- Superior sub-15 milikelvin thermal sensitivity
- 12µm sensor, 640x512 resolution
- Built-in 1000m laser rangefinder in the lens
- Up to 11.5 hours battery life

FOR MORE DETAILS, SEE PAGE 9

RattlerV² 25-320

THERMAL RIFLE SCOPE

**NEW
2025**



- Superior sub-20 milikelvin thermal sensitivity
- 12µm sensor, 320x256 resolution
- Shot Activated Recording
- More than 6.5 hours battery life

FOR MORE DETAILS, SEE PAGE 13

TaipanV²

THERMAL MONOCULAR

**NEW
2025**



- Upgraded 12µm thermal sensor
- 256x192, 320x256 or 384x288 resolution
- Built-in recording with sound
- Up to 7 hours battery life
- Auto screen off with tilt sensor

FOR MORE DETAILS, SEE PAGE 15

PVS-14E

NIGHT VISION MONOCULAR

**NEW
2025**



- Unique electronic controller
- Versatile mounting options
- Auto shut-off and manual gain control
- AA or CR123 battery compatibility

FOR MORE DETAILS, SEE PAGE 26

UNVG

NIGHT VISION GOGGLES

**NEW
2025**



- Ultralight and compact design
- Waterproof and dustproof
- Manual gain control
- Utilizes single AA battery or external battery pack

FOR MORE DETAILS, SEE PAGE 29

WLAD

LASER AIMING DEVICE

**NEW
2025**



- Rapid active target acquisition
- True NV compatible mode
- Powerful LED flashlight
- Tactical remote switch
- Co-boresighted aiming lasers

FOR MORE DETAILS, SEE PAGE 41



THERMAL IMAGING

- RIFLE SCOPES
- HANDHELDS
- CLIP-ONS

ADDER V²

30MM TUBE THERMAL IMAGING RIFLE SCOPES

The NEW AdderV² and AdderV² LRF's are the next step in AGM's relentless new product development processes. Based off a combination of feedback directly from consumers, thermal specialists and advanced optical engineers, the AdderV²'s are brimming with new technology. Capitalizing on the popularity of the original Adder series, the AdderV²'s brings a wealth of new improvements, including one of the world's first in-lens LRF modules, industry-leading thermal sensor sensitivity and a new semi-circular display with an incredible 2560x2560 resolution. Combining these elements into the long-proven 30mm tube scope housing and the new AdderV²'s are positioned to quickly become one of the most desirable new thermal rifle scope families in the world.

Although the new LRF module is one of the major improvements in the new AdderV²'s, its certainly not the only one. Not to be outdone, the new 12-micron sensor comes in at an industry-leading sub-15mk sensitivity. We've paired it with an intricate new micro display and AGM's first shutterless NUC system. Other improvements include: new red & green monochrome color palettes, 64GB of internal storage capacity, 1000g recoil resistance, a fully integrated on board ballistic calculator, pitch scale activation, 0.5X incremental zoom adjustments, media albums which can be viewed on the device, internal 9hr rechargeable battery, cold & warm hue viewing modes, and more. The AdderV²'s are supplied with an American-made ADM one-piece Recon 30mm mount.

- 384×288, 640×512 or 1280×1024 thermal resolution
- 12µm high-sensitivity detector
- Built-in 1000m laser rangefinder and ballistic calculator (LRF models)
- 0.5x step of continuous zooming
- 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 9 hours continuous working
- 5-year warranty



EVOLVER LRF 1280

THERMAL IMAGING RIFLE SCOPE

The NEW Evolver LRF 1280 brings a new flagship in image quality to the AGM brand. Unlike its close cousin, the new AdderV² 1280, the Evolver packs a 1280x1024 thermal sensor into a similar housing as the compact RattlerV²s, but its now paired with a massive new 65mm lens, which helps to guarantee it will be one of the best images that AGM has ever produced. It also helps to raise the base magnification to a perfectly flexible 2.5X, which offers a wide enough field of view for shorter range hog hunting, as well as longer range predator hunting. One quick press of the magnification button essentially converts the unit into a 640 resolution comparable at 5X, which predator hunters will love. This was made possible by incorporating the highest resolution display that we've ever used, coming in at an incredible 2560x2560 pixel density. These factors work together to invoke a 3,250 m detection range, which is longer than the vast majority of hunting properties will even be capable of. The new Evolver LRF 1280 brings full circle a project that started with the brand 5 years ago, and overnight, makes AGM one of the most capable thermal image producers on the planet.

- 12 micron detector with 1280x1024 resolution
- Sub-18mK thermal sensitivity
- Built-in 1,000m laser rangefinder
- Ballistic calculator
- 1x, 2x, 4x, 8x digital zoom
- Large OLED display with 2560x2560 resolution
- On-board video/audio recording and image capture
- Shot Activated Recording (SAR) function
- Built-in EMMC storage (64 GB)
- Wi-Fi data transmission
- Standby mode
- More than 4 hours battery life
- Waterproof & shockproof
- 5-year warranty



RATTLER V³ LRF 50-640

THERMAL IMAGING RIFLE SCOPE

Although it seems like just yesterday the celebrated AGM Rattler thermal riflescope family got upgraded with the introduction of the Rattler V²'s, the NEW Rattler V³ LRF testifies to the fact that evolution never stops. The Rattler V³ LRF 50-640 brings the once inconceivable new in-lens LRF technology to the compact Rattler series as well. Not only that, but the Rattler V³ LRF 50-640 also pairs a new 1920 high resolution display with an industry-leading sub-15mk thermal sensor, which combines to produce the best 640 resolution thermal image that we have ever produced. These technical parameters work together to produce a detection range of 1.6 miles. Its also the first Rattler ever to come with a shutterless NUC and an adjustable display which users can change from rectangular to semi-circular. It also works to raise the base magnification of the Rattler V² 50-640 from 2.5X to 3.5X, making it an optimal option for predator hunters in wide-open terrain, which entices longer range engagements. Flip on the new image boost 2.0 within the menu and users will be happy to concede that the AGM brand, which started five years ago as a new and exciting entry-level competitor, has quickly evolved into one of the most advanced thermal image producers on the planet.

- 12 micron detector with 640x512 resolution
- Sub-15mK thermal sensitivity
- Built-in 1,000m laser rangefinder in the lens
- Integrated ballistic calculator
- Large OLED display with 1920x1080 resolution
- Shutterless technology
- On-board video/audio recording and image capture
- Shot Activated Recording (SAR) function
- Built-in EMMC storage (64 GB)
- Wi-Fi data transmission
- More than 5.5 hours battery life
- Waterproof & shockproof
- 5-year warranty



VARMINT V² LRF

THERMAL IMAGING RIFLE SCOPES

The VarmintV² LRF series of thermal riflescopes from AGM utilize many of the features that shooters have come to know and love in the ever-popular Rattler product family, but with one big addition: a 600-meter integrated laser rangefinder. This feature helps alleviate a common issue many shooters find themselves experiencing when hunting with any sort of digital optic, and that is the lack of depth perception that is inherent in optics utilizing a digital screen. The VarmintV² pairs that LRF functionality with a 12 micron sub-20 milikelvin thermal detector, which works in conjunction with a high quality 1024x768 OLED display. The VarmintV² LRF scopes are powered by a single, non-proprietary, 18650 rechargeable battery, which provides users with 4.5 hours of continuous use in the field.

The compact design of the VarmintV² LRF even allows some dual-use functionality as a handheld monocular as well, which helps in surveying your surroundings. This transition is made extremely easy because every VarmintV² LRF comes equipped with a high-quality American-made American Defense Manufacturing quick detach mount. Pairing all these physical aspects with built-in recording, Wi-Fi compatibility through the AGM Connect app, external power options through the mini USB port, multiple reticle options, various color palettes, and 16GB of internal storage capacity, make the VarmintV² LRF one of the most functionally diverse products in the AGM family.

- 12µm high-sensitivity thermal detector, NETD < 20mK
- Fast 50 Hz 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 image capture
- 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
- 5-year warranty



SECUTOR LRF

THERMAL IMAGING RIFLE SCOPES

The Secutor LRF's were built to expand and diversify the line of rangefinder equipped thermal riflescopes in the AGM assortment. Though the Secutor LRF series utilizes the same upgraded thermal sensors that can be found across the majority of AGM's new products, the three primary differences include an upgraded 1000m laser rangefinder, a digital compass and utilization of a CR123A based power system. These differences, while primarily aimed at more non-commercial tactical applications, still offer both extended ranging and battery familiarity to commercial predator hunters as well. The extended range of the LRF, when paired with the non-proprietary CR123A power system, helps make the Secutor LRF's a great option for different law enforcement and defense applications. Meanwhile, the integrated compass gives shooters an added layer of situational and positional awareness. Sub-20 milikelvin thermal sensors will aid users in these tactical scenarios by increasing their ranging capabilities, as well as increase their ability to both detect and identify targets at longer distances. With both 50 and 75mm options, the Secutor LRF's provide more authenticity than ever to the phrase: long range.

- 12 μ m thermal detector
- High thermal sensitivity, NETD < 20mK
- Fast 50Hz imaging
- Built-in laser rangefinder
- Adjustable color palettes
- High resolution OLED display
- Various reticle types and colors
- 1x, 2x, 4x, 8x digital zoom
- On-board video/audio recording and image capture
- Built-in EMMC storage (16 GB)
- Wi-Fi data transmission
- Standby mode
- More than 6 hours battery life
- External power supply compatibility
- Waterproof & shockproof
- 5-year warranty



CLARION

DUAL FOCUS THERMAL IMAGING RIFLE SCOPES

The AGM Clarion dual focus thermal scope is one of the most technologically advanced thermal scopes in the world. The new Clarion scopes were meticulously designed to solve one of the biggest problems many night hunters face, which is in selecting which lens size/sensor configuration will provide the optical base magnification and field of view for each hunter's primary application. The Clarion product line alleviates this concern by providing a dual focus system that can mechanically alternate between two different internal lens sizes. This allows the user to change their base magnification and field of view with no degradation of the image resolution! The Clarion scopes will offer unparalleled flexibility in terms of optical base magnifications, which may change based on the type of animal hunted, or the type of geography in which is being hunted at that time. Also, AGM paired this new design with the most sensitive temperature rating in its class, coming it at a mind-bending sub-20 milikelvin.

Although the Clarion offers complete new technology, they didn't cut any corners with any of the design elements that hunters have come to expect from the AGM brand, including: high-quality 640x512 or 384x288 12-micron thermal sensor, removable rechargeable battery, up to 11 hours of continuous battery life on a single charge (2 batteries included), 10 internal reticle options, 5 different customizable zeroing profiles, 10 different brightness and contrast settings, WiFi hotspot capability, built-in recording and image capture storage, AGM Connect App compatibility, 4 different reticle colors, 4 color palettes, 5 image sharpness settings and a high-quality mount which work well with both AR and bolt-action shooting platforms.

- Dual focus objective lens
- 12 μ m thermal detector, NETD < 20mK
- Fast 50Hz imaging
- Various reticle types and colors
- 1x, 2x, 4x, 8x digital zoom
- On-board video/audio recording and image capture
- Shot Activated Recording (SAR)
- Wi-Fi data transmission
- Stadiametric rangefinder
- 8.5 - 11 hours battery life (depending on model)
- External power supply compatibility
- Waterproof & shockproof
- 5-year warranty



RATTLER V²

THERMAL IMAGING RIFLE SCOPES

The RattlerV² series is considered one of the best-selling thermal rifle scope product family in the United States. The RattlerV² brings many of the most sought after design solutions into one compact housing. These solutions include, but are not limited to: dramatically expanded battery life offered through the unit's proprietary removable and rechargeable battery system, which will afford users up to 11 hours on a single charge (2 included), an expanded built-in reticle assortment, expanded brightness and contrast settings, shot activated recording with sound and new thermal sensors that have one of the highest rated sensitivity rating (sub-20 mk) on the market (640 and 384 models only). The RattlerV² family has a reputation for being one of the best value propositions on the market.

- 256×192, 320×256, 384×288 or 640×512 resolution with 12µm sensor
- High thermal sensitivity, NETD < 20mK (384 and 640 models)
- Fast 50Hz imaging
- High resolution OLED display
- Adjustable color palettes
- Various reticle types and colors
- 1x, 2x, 4x, 8x digital zoom
- On-board video/audio recording and image capture
- Built-in EMMC storage (16 GB)
- Shot Activated Recording (SAR)
- Wi-Fi data transmission
- Stadiametric rangefinder
- Standby mode
- Up to 11.5 hours battery life
- External power supply compatibility
- Waterproof & shockproof
- 5-year warranty



ReachIR LRF

THERMAL IMAGING MONOCULARS

The ReachIR series is AGM's premium line of handheld LRF-equipped thermal monoculars. All models come equipped with twelve micron infrared detector and a 1024x768 OLED display, for improved color rendering. The ReachIR thermal sensors also come equipped with the most sensitive temperature ratings in its class, coming in at sub-20 millikelvin across the entire product family. Other important options include a 1,000-meter integrated laser rangefinder, robust body and a removable, rechargeable 18650 battery. These units also boast an impressive waterproof rating, which ensures users have peace of mind while utilizing these under the vast majority of weather conditions.

New optimized image processing algorithms give thermal monocular highly optimized images and remarkable details. The ReachIRs built-in 64 GB memory also sits at the top of its class on the market, with advanced software supporting both video/audio recording and image capture.

- 12 μ m, high-sensitivity thermal detector (NETD < 20mK)
- 384x288 or 640x512 resolution
- Fast 50 Hz imaging
- Built-in 1,000-meter laser rangefinder
- New optimized image processing algorithms
- 1x, 2x, 4x, 8x digital zoom
- 1024x768 resolution, 0.39-inch OLED display
- Video/audio recording and image capture
- 64 GB built-in memory
- Wi-Fi hotspot
- Standby mode
- Replaceable and rechargeable 18650 Lithium battery
- Up to 4.5 hours battery life
- Auto screen-off function
- Robust magnesium alloy housing
- Waterproof and dustproof
- 5-Year Warranty



TAIPAN V²

THERMAL IMAGING MONOCULARS

The AGM TaipanV² thermal monocular series is the newest addition to what is already the most extensive thermal product assortment in the world! The TaipanV² series boasts multiple Germanium lens sizes which are paired with an industry-leading 256, 320 or 384 resolution 12-micron thermal detector. The models with 384 resolution have superior sub-20 milikelvin thermal sensitivity. The TaipanV² also bring many new advancements to the product family which users have been clamoring for in the original Taipan monoculars. These primary improvements include moving from a non-removable rechargeable internal battery to a single removable rechargeable 18650, a new thermal sensor and a new 90 degree tilt sensor which powers off the display to save battery life!

The TaipanV² also comes packed with numerous software improvements, and many features that have become commonplace within the AGM thermal product assortment: F1.0 aperture optics, 50Hz refresh rate, 16GB of built-in memory, Wi-Fi compatibility to pair with the AGM Connect App, an IP67 waterproof rating, USB Type-C port for external power capabilities and 4 color palettes. They also utilize a wider rubber eyepiece to make viewing the 1024 OLED display extremely comfortable in the field when viewing for long periods of time in a single session. The TaipanV² are built for well-rounded use and would work great for hunting, farming/herd protection, law enforcement, search & rescue, boating, camping and other general outdoors activities.

- Upgraded sub-20mK 12 micron thermal detector
- 256×192, 320×256 or 384×288 resolution
- 1280×960 resolution LCOS display
- Built-in recording with sound
- 16 GB memory module
- Wi-Fi hotspot
- 1×, 2×, 4× and 8× digital zoom
- Auto screen off with tilt sensor
- Replaceable and rechargeable Li-Ion battery
- Up to 7 hours of battery life
- Waterproof
- Compatible with AGM Connect App
- 5-year Warranty



RATTLER-C V²

THERMAL IMAGING CLIP-ONS

The AGM Rattler-C V² series of thermal clip-ons boasts a industry-leading 12 micron, sub-20mk thermal detectors. These physical attributes provide users with some of the best image quality AGM has produced to date with potential detection ranges up to 2600 yards. The Rattler-C V² thermal clip-ons have a high-sensitivity sensor with 256x192, 384x288 or 640x512 resolutions, which provides a clear image under harsh environment conditions like darkness, fog, smoke, dust, rain, snow, wood, camouflage, etc.

The Rattler-C V² clip-on can easily be attached in front of day scopes to quickly convert a day optic into a thermal imaging device without any special tools or equipment required. Powered replaceable and rechargeable Li-ion battery the AGM Rattler-C V² provides up to 11 hours of continuous battery life on a single charge (2 batteries included). An external 5V power bank (battery pack) can be easily connected via a USB-C 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.

- Quick conversion of daytime optics into thermal imaging scope
- 12µm high-sensitivity thermal detector
- Fast 50Hz imaging
- High resolution OLED display
- Adjustable color palettes
- On-board video/audio recording and image capture
- Built-in EMMC storage (16 GB)
- Shot Activated Recording (SAR)
- Wi-Fi data transmission
- Stadiametric rangefinder
- Standby mode
- 9 - 11.5 hours battery life (depending on model)
- External power supply compatibility
- Waterproof & shockproof
- 5-year warranty



SECUTOR LRF-C

THERMAL IMAGING CLIP-ONS

The Secutor LRF-C is a compact thermal imaging clip-on system with built-in precision laser rangefinder that allows quick transformation of the day optics into thermal imaging device without any special tools or equipment. Equipped with a highly sensitive, 12 μ m thermal detector and 1024x768 OLED monitor, the AGM Secutor LRF-C provides a clear image under harsh environmental conditions including darkness, fog, smoke, dust, rain, snow, brush, camouflage, etc. The user-friendly interface, comfortable and ergonomic operating controls makes Secutor LRF-C use incredibly easy. The Secutor LRF-C can easily be attached in front of rifle scopes with magnification up to 10x for medium range use.

The built-in laser range finder of the AGM Secutor LRF-C is designed to determine the exact distance between the observer and the target. Measurement results are displayed in the scopes monitor. Four replaceable Li-Ion battery gives the device more than 6 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/audio recording and image capture. Onboard Wi-Fi module allows live video streaming and video/image recording via mobile applications.



- Quick conversion of daytime optics into thermal imaging scope
- 12 μ m thermal detector
- High sensitivity (NETD less than 20 mK)
- Fast 50Hz imaging
- Built-in laser rangefinder
- Adjustable color palettes
- High resolution OLED display
- On-board video/audio recording and image capture
- Built-in EMMC storage (16 GB)
- Wi-Fi data transmission
- Standby mode
- More than 6 hours battery life
- External power supply compatibility
- Waterproof & shockproof
- 5-year warranty



ObservIR LRF

MULTIFUNCTIONAL 4K/THERMAL BINOCULARS

The AGM ObservIR LRF Thermal & Digital Day/Night Vision binoculars are some of the most technologically advanced and feature-packed optics in the world. The primary engine behind these binoculars lies within the main thermal viewing channel, with its high-sensitivity 12 micron detector. The ObservIR line offers a wide range of lenses and thermal sensors, from a 25mm Germanium lens and 256x192 resolution to a 60mm lens and 1280x1024 resolution. Unlike other thermal binoculars on the market, the ObservIR LRF also comes outfitted with a digital day/night channel. The built-in 1,000m laser rangefinder simply takes the ObservIR LRF to another level, and this is without even mentioning its 64GB of internal memory and Wi-Fi compatibility.

The ObservIR LRF binoculars also come packed with numerous software improvements, and many features that have become commonplace within the AGM thermal product assortment: high-sensitivity thermal detector, Germanium lens with a 1.0 aperture, 3840x2160 ultra-low light CMOS sensor, various viewing modes, multiple color palettes, digital zoom, picture-in-picture mode, built-in laser rangefinder, GPS module, long-range IR illuminator, up to 9.5 hours of battery life on removable, rechargeable 18650 batteries, USB Type-C port for external power capabilities, IP67 waterproof rating.

- Dual-spectrum thermal and digital day/night system
- 12 μ m high-sensitivity thermal sensor
- Ultra-low illumination optical channel
- 3840x2160 optical resolution
- Built-in IR illuminator
- Eye-safe 1,000m laser rangefinder
- 1920x1080 resolution, 0.49-inch OLED display
- Digital magnetic compass
- Built-in GPS module
- Video/audio recording and snapshot capture
- Built-in 64 GB EMMC storage
- Wi-Fi hotspot
- Up to 9.5 hours continuous operation on a single charge
- Auto screen-off function to saving energy
- Waterproof and dustproof



SPECIFICATIONS

THERMAL IMAGING

30MM TUBE THERMAL RIFLE SCOPES

	Adder V ² 35-384	Adder V ² LRF 35-384	Adder V ² LRF 35-640	Adder V ² LRF 50-640	Adder V ² LRF 60-1280
Detector	12µm, NETD<15mK	12µm, NETD<15mK	12µm, NETD<15mK	12µm, NETD<15mK	12µm, NETD<18mK
Resolution	384x288	384x288	640x512	640x512	1280x1024
Refresh Rate	50 Hz	50 Hz	50 Hz	50 Hz	25 Hz
Detection Range (6' object)	1,800 m	1,800 m	1,800 m	2,600 m	3,100 m
Lens System	35 mm; F/1.0	35 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0	60 mm; F/1.0
Magnification	4x - 24x	4x - 24x	2.5x - 24x	3.5x - 26x	2.5x - 28x
Field of View	7.5° x 5.7°	7.5° x 5.7°	12.5° x 10.0°	8.8° x 7.0°	14.6° x 11.7°
Digital Zoom	Continuous zooming	Continuous zooming	Continuous zooming	Continuous zooming	Continuous zooming
Laser Rangefinder	No	Up to 1000 m, ±1 m	Up to 1000 m, ±1 m	Up to 1000 m, ±1 m	Up to 1000 m, ±1 m
Weight	0.8 kg (1.76 lb)	0.83 kg (1.83 lb)	0.83 kg (1.83 lb)	0.86 kg (1.9 lb)	1.0 kg (2.2 lb)
Dimensions	420 x 88 x 74 mm (16.5 x 3.4 x 2.9 in)	420 x 88 x 88 mm (16.5 x 3.4 x 3.4 in)	420 x 88 x 88 mm (16.5 x 3.4 x 3.4 in)	432 x 90 x 78 mm (17.0 x 3.5 x 3.1 in)	452 x 95 x 80 mm (17.8 x 3.7 x 3.2 in)

THERMAL RIFLE SCOPES WITH LASER RANGEFINDER

	Evolver LRF 1280	Rattler V ³ LRF 50-640	Secutor LRF 35-384	Secutor LRF 50-640	Secutor LRF 75-640
Detector	12µm, NETD<18mK	12µm, NETD<15mK	12µm, NETD<20mK	12µm, NETD<20mK	12µm, NETD<20mK
Resolution	1280x1024	640x512	384x288	640x512	640x512
Refresh Rate	25 Hz	50Hz	50Hz	50Hz	50Hz
Detection Range (6' object)	3,250 m	2,600 m	1,800 m	2,600 m	3,200 m
Lens System	65 mm; F/1.0	50 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0	75 mm; F/1.2
Magnification	2.5x - 20x	3.5x - 28x	3x - 24x	2.5x - 20x	4x - 32x
Field of View	13.5° x 10.8°	8.7° x 5.3°	7.5° x 5.6°	8.8° x 7.0°	5.9° x 4.7°
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
Laser Rangefinder	Up to 1000 m, ±4 m	Up to 1000 m, ±1 m	Up to 1000 m, ±4 m	Up to 1000 m, ±4 m	Up to 1000 m, ±4 m
Weight	0.79 kg (1.75 lb)	0.59 kg (1.45 lb)	0.61 kg (1.34 lb)	0.66 kg (1.45 lb)	0.73 kg (1.61 lb)
Dimensions	270 x 115 x 88 mm (10.6 x 4.5 x 3.4 in)	232 x 83 x 70 mm (8.8 x 4.0 x 2.7 in)	224 x 102 x 69 mm (8.8 x 4.0 x 2.7 in)	224 x 102 x 69 mm (8.8 x 4.0 x 2.7 in)	250 x 110 x 78 mm (9.8 x 4.3 x 3.1 in)

THERMAL RIFLE SCOPES WITH LASER RANGEFINDER

	Varmint V ² LRF 35-384	Varmint V ² LRF 50-384	Varmint V ² LRF 35-640	Varmint V ² LRF 50-640
Detector	12µm, NETD<20mK	12µm, NETD<20mK	12µm, NETD<20mK	12µm, NETD<20mK
Resolution	384x288	384x288	640x512	640x512
Refresh Rate	50Hz	50Hz	50Hz	50Hz
Detection Range (6' object)	1,800 m	2,600 m	1,800 m	2,600 m
Lens System	35 mm; F/1.0	50 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0
Magnification	3x - 24x	4x - 32x	2x - 16x	2.5x - 20x
Field of View	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)

DUAL FOV THERMAL RIFLE SCOPES

	Clarion 384	Clarion 640
Detector	12µm, NETD<20mK	12µm, NETD<20mK
Resolution	384x288	640x512
Refresh Rate	50 Hz	50 Hz
Detection Range (6' object)	1,200 m / 2,600 m	1,800 m / 3,000 m
Lens System	25 mm; F0.8 / 50 mm; F1.0	35 mm; F0.9 / 60 mm; F1.1
Magnification	2x - 16x / 4.5x - 36x	2x - 16x / 3x - 24x
Field of View	10.5° x 7.9° / 5.3° x 4.0°	12.5° x 10.0° / 7.3° x 5.9°
Digital Zoom	1x, 2x, 4x, 8x, PIP	1x, 2x, 4x, 8x, PIP
Weight	0.75 kg (1.65 lb)	0.84 kg (1.85 lb)
Dimensions	241 x 73 x 67 mm (9.5 x 2.9 x 2.6 in)	254 x 80 x 68 mm (10.0 x 3.1 x 2.7 in)

THERMAL RIFLE SCOPES

	Rattler V ² 19-256	Rattler V ² 25-256	Rattler V ² 25-320	Rattler V ² 25-384	Rattler V ² 35-384	Rattler V ² 35-640	Rattler V ² 50-640
Detector	12µm, NETD<35mK	12µm, NETD<35mK	12µm, NETD<20mK	12µm, NETD<20mK	12µm, NETD<20mK	12µm, NETD<20mK	12µm, NETD<20mK
Resolution	256x192	256x192	320x256	384x288	384x288	640x512	640x512
Refresh Rate	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Detection Range (6' object)	950 m	1,200 m	1,200 m	1,200 m	1,800 m	1,800 m	2,600 m
Lens System	19 mm; F/1.0	25 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
Magnification	2.5x - 20x	3.5x - 28x	3.5x - 28x	2x - 16x	3x - 24x	2x - 16x	2.5x - 20x
Field of View	9.3° x 6.9°	7.0° x 5.3°	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	1x, 2x, 4x, 8x, PIP
Weight	0.48 kg (1.06 lb)	0.49 kg (1.08 lb)	0.49 kg (1.08 lb)	0.49 kg (1.08 lb)	0.51 kg (1.13 lb)	0.51 kg (1.13 lb)	0.53 kg (1.18 lb)
Dimensions	219 x 68 x 67 mm (8.5 x 2.7 x 2.6 in)	219 x 68 x 67 mm (8.5 x 2.7 x 2.6 in)	219 x 68 x 67 mm (8.5 x 2.7 x 2.6 in)	219 x 68 x 67 mm (8.5 x 2.7 x 2.6 in)	221 x 68 x 67 mm (8.7 x 2.7 x 2.6 in)	221 x 68 x 67 mm (8.7 x 2.7 x 2.6 in)	230 x 73 x 68 mm (9.0 x 2.9 x 2.7 in)

THERMAL MONOCULARS WITH LASER RANGEFINDER

	ReachIR LRF 25-384	ReachIR LRF 35-640	ReachIR LRF 50-640
Detector	12µm, NETD<20mK	12µm, NETD<20mK	12µm, NETD<20mK
Resolution	384x288	640 x 512	640 x 512
Refresh Rate	50 Hz	50 Hz	50 Hz
Detection Range (6' object)	1,200 m	1,800 m	2,600 m
Lens System	25 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0
Magnification	2.5x - 20x	2x - 16x	3x - 24x
Field of View	10.5° x 7.9°	12.5° x 10.0°	8.7° x 7.0°
Digital Zoom	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x
Laser Rangefinder	Up to 1000 m, ±1 m accuracy	Up to 1000 m, ±1 m accuracy	Up to 1000 m, ±1 m accuracy
Weight	0.42 kg (0.93 lb)	0.44 g (0.97 lb)	0.49 g (1.09 lb)
Dimensions	185 x 52 x 86 mm (7.3 x 2.0 x 3.4 in)	190 x 52 x 86 mm (7.5 x 2.0 x 3.4 in)	202 x 61 x 91 mm (8.0 x 2.4 x 3.6 in)

THERMAL MONOCULARS

	TaipanV² 10-256	TaipanV² 15-256	TaipanV² 19-320	TaipanV² 15-384	TaipanV² 19-384	TaipanV² 25-384
Detector	12µm, NETD<35mK	12µm, NETD<35mK	12µm, NETD<35mK	12µm, NETD<20mK	12µm, NETD<20mK	12µm, NETD<20mK
Resolution	256x192	256x192	320x256	384x288	384x288	384x288
Refresh Rate	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Detection Range (6' object)	500 m	700 m	900 m	780 m	960 m	1,200 m
Lens System	10 mm; F/1.0	15 mm; F/1.0	19 mm; F/1.0	15 mm; F/1.0	19 mm; F/1.0	25 mm; F/1.0
Magnification	1.5x - 12x	2x - 17.5x	3x - 22.5x	1.5x - 12x	2x - 16x	2.5x - 20x
Field of View	17.5° x 13.1°	11.7° x 8.8°	9.2° x 6.9°	17.5° x 13.1°	13.8° x 10.4°	10.5° x 7.9°
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	0.27 kg (0.6 lb)	0.27 kg (0.6 lb)	0.29 kg (0.64 lb)	0.27 kg (0.6 lb)	0.29 kg (0.64 lb)	0.32 kg (0.73 lb)
Dimensions	161 x 60 x 64 mm (6.3 x 2.4 x 2.5 in)	161 x 60 x 64 mm (6.3 x 2.4 x 2.5 in)	173 x 60 x 64 mm (6.8 x 2.4 x 2.5 in)	161 x 60 x 64 mm (6.3 x 2.4 x 2.5 in)	173 x 60 x 64 mm (6.8 x 2.4 x 2.5 in)	173 x 60 x 64 mm (6.8 x 2.4 x 2.5 in)

THERMAL IMAGING CLIP-ONS

	Rattler-C V² 19-256	Rattler-C V² 35-384	Rattler-C V² 50-640	Secutor LRF-C 50-640	Secutor LRF-C 75-640
Detector	12µm, NETD<35mK	12µm, NETD<20mK	12µm, NETD<20mK	12µm, NETD<20mK	12µm, NETD<20mK
Resolution	256x192	384x288	640x512	640x512	640x512
Refresh Rate	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Detection Range (6' obj.)	1,000 m	1,800 m	2,600 m	2,600 m	3,200 m
Lens System	19 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0	50 mm; F/1.0	75 mm; F/1.2
Magnification	1x	1x	1x	1x	1x
Field of View	9.3° x 6.9°	10.0° x 8.0°	8.8° x 7.0°	8.8° x 7.0°	5.9° x 4.7°
Laser Rangefinder	No	No	No	Up to 1000 m, ±4 m	Up to 1000 m, ±4 m
Weight	0.5 kg (1.1 lb)	0.54 kg (1.19 lb)	0.55 kg (1.2 lb)	0.68 kg (1.08 lb)	0.75 kg (1.65 lb)
Dimensions	184 x 68 x 67 mm (7.2 x 2.7 x 2.6 in)	184 x 68 x 67 mm (7.2 x 2.7 x 2.6 in)	196 x 73 x 68 mm (7.7 x 2.9 x 2.7 in)	190 x 102 x 69 mm (7.5 x 4.0 x 2.7 in)	216 x 110 x 78 mm (8.5 x 4.3 x 3.1 in)

MULTIFUNCTIONAL 4K/ THERMAL BINOCULARS

	ObserviR LRF 25-256	ObserviR LRF 35-384	ObserviR LRF 35-640	ObserviR LRF 50-640	ObserviR LRF 60-1280
Thermal Detector	12µm, NETD<35mK	12µm, NETD<15mK	12µm, NETD<15mK	12µm, NETD<15mK	12µm, NETD<18mK
Resolution	256x192	384x288	640x512	640x512	1280x1024
Refresh Rate	50 Hz	50 Hz	50 Hz	50 Hz	25 Hz
Thermal Detection Range (6' object)	1,200 m	1,800 m	1,800 m	2,600 m	3,100 m
Lens System	25 mm; F/1.0	35 mm; F/1.0	35 mm; F/1.0	50 mm; F/1.0	60 mm; F/1.0
Magnification	4.5x -18x	4x -20x	3x -22x	3x -24x	2.5x -28x
Field of View	7.5° x 5.3°	7.5° x 5.7°	12.5° x 10.1°	8.7° x 7.0°	14.6° x 11.7°
Optical Module (Digital Day/Night)	60 mm, F2.2; 3840x2160, 1/88"	60 mm, F2.2; 3840x2160, 1/88"	60 mm, F2.2; 3840x2160, 1/88"	60 mm, F2.2; 3840x2160, 1/88"	60 mm, F2.2; 3840x2160, 1/88"
Laser Rangefinder	Up to 1000 m, ±1 m	Up to 1000 m, ±1 m	Up to 1000 m, ±1 m	Up to 1000 m, ±1 m	Up to 1000 m, ±1 m
Weight	0.89 kg (1.96 lb)	0.91 kg (2.01 lb)	0.91 kg (2.01 lb)	0.98 kg (2.16 lb)	1.05 kg (2.31 lb)
Dimensions	221 x 142 x 71 mm (8.7 x 5.6 x 2.8 in)	221 x 142 x 71 mm (8.7 x 5.6 x 2.8 in)	221 x 142 x 71 mm (8.7 x 5.6 x 2.8 in)	230 x 143 x 80 mm (9.1 x 5.6 x 3.1 in)	232 x 153 x 82 x mm (9.1 x 6.0 x 3.2 in)

A person wearing a camouflage cap and jacket is aiming a rifle with a large scope in a wooded area. The rifle is black and has a long barrel. The person is holding the rifle with both hands, and the scope is mounted on top. The background is a dense forest with trees and foliage.

DIGITAL DAY/NIGHT

- DIGITAL DAY & NIGHT RIFLE SCOPES

SPECTRUM LRF 4K

DAY/NIGHT DIGITAL RIFLE SCOPE

The Spectrum LRF 4K digital day & night vision scope features a 1,000-meter integrated laser rangefinder (LRF), a ballistic calculator, and an advanced high-resolution 3840x2160 detector working in conjunction with a high-quality 1920x1080 OLED display.

New and improved 4K digital sensor is more sensitive to infrared, which means the unit should require much less external Infrared light while used in night mode. The incredible new adjustable aperture provides traditional daytime hunters with increased low light gathering capabilities that exceed that of some of the highest-quality traditional glass hunting optics. Powered by two internal rechargeable 18650 and one additional replaceable 18650 batteries, the 11hr battery life supplies users with more than enough time behind the eyepiece during hunting season.

Along with the new 4K high resolution CMOS sensor, we thought it prudent to also update the internal storage capacity, which now comes in at a robust 64GB, which will come in handy when recording in higher resolution. If you're looking for an exceptionally capable technological optic, the Spectrum LRF 4K is the perfect addition to your arsenal.

- Supports Day/Night mode
- F1.2-2.5 adjustable aperture provides incredible low-light gathering capabilities
- 3840x2160 ultra-high-definition CMOS sensor
- Detection range up to 1,000m (day)
- 3.5-28x incremental and step zoom capability
- 1920x1080 resolution OLED display
- Built-in laser rangefinder
- Internal ballistic calculator
- On-board video/audio recording and image capture
- Shot-Activated Recording (SAR)
- 64GB EMMC built-in storage
- Waterproof & shockproof
- Up to 11 hours continuous operation
- 3-year warranty



Lens System	50 mm; F/1.2
Sensor	3840x2160 CMOS
Refresh Rate	50 Hz
Detection Range	1000 m
Magnification	3.5x - 28x
Field of View	8.8° x 5.0°
Laser Rangefinder	Up to 1000 m, ±1 m
Weight	1.18 kg (2.6 lb)
Dimensions	440 x 89 x 84 mm / 17.3 x 3.5 x 3.3 in



The image shows two tactical operators in a dark environment, likely indoors at night. They are wearing full tactical gear, including helmets with night vision devices, vests with pouches, and gloves. Both are aiming their rifles forward. The scene is dimly lit, with some light coming from the background, possibly a doorway. The overall tone is serious and professional.

NIGHT VISION

- MONOCULARS
- GOGGLES/BINOCULARS
- CLIP-ON SYSTEMS

PVS-14E

ENHANCED NIGHT VISION MONOCULAR

AGM Global Vision expands on its commitment to continuous improvement by updating the tried-and-true PVS-14 night vision system. AGM's NEW PVS-14E is an enhanced version that offers subtle, but crucial, improvements in its battery system flexibility and overall weight.

The AGM PVS-14E Night Vision Monocular is a rugged, lightweight, and multi-purpose night vision device that can be used in some of the most challenging environments. The PVS-14E can be used as a handheld device, mounted on the included head harness, or can be mounted to traditional ballistic helmets. Equipped with an Advanced Auto Shut-off System, the PVS-14E saves power and enhances convenience by turning off and back on automatically when the device is articulated to the side and back into operating position again. The PVS-14E is outfitted with an upgraded lightweight lens and eyepiece optimized for image clarity.

The unit has a flexible power delivery system making it compatible with AA and CR123 batteries, this system ensures uninterrupted operation by not limiting you to one battery choice. The unit is also equipped with an electronic polarity switching system which means you don't have to worry about installing the battery in a specific orientation. Just place the battery in the compartment and you're ready to go!

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. When the light level returns below the threshold, the device will turn back on automatically.

- Unique electronic controller
- Versatile mounting options
- Auto shut-off and manual gain control
- Multiple battery compatibility (AA or CR123)
- Built-In IR illuminator
- Waterproof and dustproof
- Automatic on/off switching system when articulating the device out of your view
- More compact and lighter than a conventional PVS-14: 4.25 in / 108 mm and 10.2 oz / 290 g
- Easy-to-use controls and adjustments
- 3-year warranty



PVS-14

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.

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



WOLF-14

NIGHT VISION MONOCULAR

The Wolf-14 is a high-tech, durable and versatile Night Vision monocular that delivers great performance at a reasonable price. The Wolf-14 can be hand-held or mounted on a headgear. The Wolf-14 can be used as a goggle system, or stowed out of the line of sight without the need to completely remove it. This device operates with a single operating knob. When used in conjunction with a head or helmet mount, it also includes features such as the flip-up turn off function. 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 IR illuminator. The unit has a flexible power delivery system making it compatible with AA and CR123 batteries, this system ensures uninterrupted operation by not limiting you to one battery choice. 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
- Waterproof and dustproof
- 3-year warranty



UNVG

ULTRALIGHT NIGHT VISION GOGGLES / BINOCULARS

The AGM UNVG is a dual-channel night vision system. The UNVG uses upgraded multi-coated optics optimized for image clarity when encountering adverse conditions, whether it be total darkness, varying artificial light sources, vehicle operations, and more. The device can be outfitted with 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 UNVG is also equipped with manual gain control, which adjusts the image brightness, providing the highest possible image quality even in changing light conditions. The independent movement of the pods allows for single or dual eye configurations for increased operational flexibility. Each tube will automatically turn off when flipped up. Operating from a single AA alkaline battery, the UNVG can run up to 15 hours. With an external battery pack (included), the operating time increases to 50 hours! Also equipped with an integral infrared illuminator for reading in the dark. The device can be installed to a either standard dovetail type headset and helmet mount.

UNVG-51 model uses different optics which give it a wider 51° field of view with the tradeoff of shorter eye-relief. This option provides a large visual field without needing to move the devices.

- Available in both Green (P43) and White (P45) Gen2 or Gen3 configurations
- Ultralight, compact, rugged design
- Waterproof and dustproof
- Head or helmet mountable for hands-free usage
- Wide 51° field of view (UNVG-51)
- Single/double eye configuration
- Flip-up auto off feature
- Manual gain control
- Ergonomic, simple, easy to operate controls
- Utilizes single AA battery or external battery pack
- Low Power Consumption
- Built-in Infrared illuminator
- PVS-14-style compatible: objective lens and eyepiece lens are compatible with PVS-14 style components and attachments
- 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 is made of a compact composite housing for durability, and features advanced multi-coated optics. 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.

The NVG-50 uses different optics which give it a wider 51° field of view with the tradeoff of shorter eye-relief.

- 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
- Waterproof and dustproof
- 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 and dustproof
- Head or helmet-mountable for hands-free operation
- Ergonomic, simple, easy-to-operate controls
- Built-in Infrared illuminator
- 3-year warranty



WOLF-7 PRO

NIGHT VISION GOGGLES

The AGM Wolf-7 PRO 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 PRO 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 PRO 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.

Waterproof, rugged, light, and compact, the Wolf-7 PRO 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 and dustproof
- 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
- Waterproof and dustproof
- 3-year warranty



COMANCHE-40ER, COMANCHE-40LR

NIGHT VISION CLIP-ON SYSTEMS

The Comanche-40ER and Comanche-40LR Night Vision Clip-On (NVCO) systems use the latest advances in night vision clip-on technology. Designed for long-range nighttime shooting, the Comanche-40 deliver 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 and transforming it into a night vision device with capability up to ranges of 1000 yards with no re-zeroing required. This NVCOs can be used with day scopes of up to 12x magnification.

Comanche-40 are equipped with a quick release mount and remote control. These scopes provide unmatched target acquisition and enhanced aiming capabilities, making them 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
- Waterproof and dustproof
- 3-year warranty



SPECIFICATIONS

NIGHT VISION

NIGHT VISION MONOCULARS

	PVS-14E	PVS-14	Wolf-14
NV Generation	Gen 2+; Gen 3	Gen 2+; Gen 3	Gen 2+
Lens System	26 mm; F/1.2	26 mm; F/1.2	25 mm; F/1.2
Magnification	1x	1x	1x
Field of View	40°	40°	42°
Weight	0.29 kg (0.64 lb)	0.32 kg (0.71 lb)	0.29 kg (0.64 lb)
Dimensions	108 x 69 x 63 mm (4.25 x 2.7 x 2.5 in)	114 x 69 x 63 mm (4.5 x 2.7 x 2.5 in)	115 x 69 x 54 mm (4.5 x 2.7 x 2.1 in)

NIGHT VISION GOGGLES

	UNVG	UNVG-51	NVG-40	NVG-50	PVS-7	Wolf-7 PRO
NV Generation	Gen 2+; Gen 3	Gen 2+; Gen 3	Gen 2+; Gen 3	Gen 2+; Gen 3	Gen 2+; Gen 3	Gen 2+
Lens System	25 mm; F/1.23	19 mm; F/1.26	27 mm; F/1.3	19 mm; F/1.26	27 mm; F/ 1.2	27 mm, F/1.2
Magnification	1x	1x	1x	1x	1x	1x
Field of View	40°	51°	40°	51°	40°	40°
Weight	0.5 kg (1.1 lb)	0.55 kg (1.2 lb)	0.64 kg (1.42 lb)	0.61 kg (1.35 lb)	0.68 kg (1.5 lb)	0.51 kg (1.1 lb)
Dimensions	101 x 116 x 85 mm (4.0 x 4.6 x 3.3 in)	101 x 116 x 85 mm (4.0 x 4.6 x 3.3 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)	162 x 152 x 76 mm (6.4 x 6.0 x 3.0 in)	183 x 132 x 58 mm (7.2 x 5.2 x 2.3 in)

NIGHT VISION CLIP-ONS

	Comanche-22	Comanche-40ER	Comanche-40LR
NV Generation	Gen 2+; Gen 3	Gen 2+; Gen 3	Gen 2+; Gen 3
Lens System	80 mm; F/1.44	108 mm; F/1.54	108 mm; F/1.23
Magnification	1x	1x	1x
Field of View	12°	9°	9.5°
Weight	0.75 kg (1.65 lb)	0.91 kg (2.0 lb)	1.2 kg (2.64 lb)
Dimensions	168 x 85 x 80 mm (6.6 x 3.3 x 3.1 in)	230 x 87 x 97 mm (9.1 x 3.4 x 3.8 in)	190 x 104 x 100 mm (7.5 x 4.1 x 3.9 in)

PVS-14 SKD KIT

SEMI-KNOCKED-DOWN KIT (NO IIT)

AGM PVS-14 SKD Kit is a set of parts required to assemble PVS-14 night vision monocular. The kit does not include Image Intensifier Tube. It is not a functioning system and has no capability to be used during the day or night without further assembly and alignment. AGM PVS-14 SKD Kit (no IIT) is sold under AGM OEM program to authorized manufacturers who are certified in assembly of electro-optical devices.

The PVS-14 is a high-tech, durable and versatile Night Vision monocular. Packed with high-tech features, the PVS-14 is equally suited for security, hunting and recreation purposes.

The PVS-14 can be hand-held or mounted on a headgear. This kit can be equipped with high-performance Gen 2 or Gen 3 image intensifier tube in green or white phosphor version. Long-range nighttime view is available in seconds with a variety of compatible lenses. The PVS-14 features bright light shut-off circuitry and a built-in IR illuminator.

- SKD kit of assembled parts for PVS-14 night vision monocular
- Compatible IIT Type: 11769 (manual gain)
- Image Intensifier Tube is not included
- Compact, rugged design
- Head mountable for hands-free usage
- Utilizes single AA Alkaline battery
- Built-in Infrared illuminator and flood lens

SKD KIT INCLUDES:

AGM PVS14-MG-11769 Body Kit (Objective Lens, Housing, Eyepiece)
Objective Lens Cap / Daylight Filter
Eyecup
Demist-Shield
Sacrificial Window
Head Mount Assembly
Head Mount Adapter
Lens Tissue
User Manual
Shoulder Strap
Soft Carrying Case



PVS-14 SPARE PARTS

SPARE PARTS FOR DIY OR OEM PROJECTS

AGM offers full-service support in both parts and accessories for thermal and night vision products. Allowing you to customizable build your own device, purchase spare lenses, tubes or housings to upgrade older or pre-existing units, or carry additional parts and accessories for quick / easy repair of existing devices. All AGM product carries a 3 year warranty, and is expertly crafted and perfected for commercial and professional use. We realize that the investments made in products in both Night Vision and Thermal Imaging typically far outlast the manufacturer warranty, and AGM wants to provide added support through parts and accessories at affordable pricing to keep your devices functioning for years to come.

Part #	Spare Part Name	Part #	Spare Part Name
A3144318	PVS-14/PVS-7 Objective Lens Cap	6105P4ER0	PVS-14 Eyepiece Retaining Ring
A3256353	PVS-14 Demist Shield	5005838	PVS-14 Eyepiece Locking Ring
A3144264	PVS-14/PVS-7 Sacrificial Window	A3256360	PVS-14 Objective Lens Locking Ring
A3297312	PVS-14 Battery Cap (no lanyard)	A3144316	PVS-14/PVS-7 O-ring for purge screw
A3256347	PVS-14 J-Arm	A3144315	PVS-14/PVS-7 Purge Screw
A3256352	PVS14 Eyepiece Lens Assembly	5002569	PVS-14 Tube Retaining Ring
A3256342	PVS-14 Objective Lens Assembly	A3256351	PVS-14 Manual Variable Gain Knob
6101E4EL1	Light Weight PVS-14 Eyepiece Lens Assembly	A3256358	PVS-14 Light Pipe
6101E4OL1	Light Weight PVS-14 Objective Lens Assembly	6105P4RS0	PVS-14 Rotary Switch Assembly ON/OFF/IR
A3297309	PVS-14 Battery Compartment Assembly	A3144280	PVS-14/PVS-7 Head Mount Assembly with browpads
6134PE4BC1	PVS-14E Enhanced Battery Compartment Assembly	277705	PVS-14 Monocular Housing
6105P40B0	PVS-14 O-ring, Battery Housing	A3187392	PVS-14/PVS-7 Soft Carry Case
		A3144422	PVS-14 Rubber Eyecup
		6114P4S1	AGM PVS-14 Shuttered Rubber Eyecup



ACCESSORIES

ACCESSORIES FOR NIGHT VISION DEVICES

AGM Global Vision offers a wide variety of top-tier accessories, professionally designed and manufactured to ensure highest quality standards.

Part #	Spare Part Name	Part #	Spare Part Name
6103MHM1	MICH Helmet Mount Assembly (PVS-7, PVS-14)	6104XP4B1	AGM PVS14 Binocular Bridge
6103PHM1	PASGT Helmet Mount Assembly (PVS-7, PVS-14)	6103HS51C	AGM Dovetail Rhino Helmet Mount for Shroud
1955010-2	AGM Rhino Mount (PVS-7, PVS-14)	6103HS51CM	AGM Dovetail Helmet Mount for MICH and PASGT Helmets (compatible with NVG40/50 and StingIR)
61023XA1	AGM Afocal Magnifier Lens Assembly, 3X	6104GK51	AGM Goggle Kit W G50
61025XA1	AGM Afocal Magnifier Lens Assembly, 5X	6103HM51	AGM Helmet Mount G50MP for MICH and PASGT Helmets
6107WMP1	AGM Weapon Mount for PVS-14	6103HS51	AGM Helmet Mount G50S for Shroud (NVG40/50 with Auto Shut Off)
6114P4S1	AGM PVS-14 Shuttered Rubber Eyecup	6108EBP1	AGM External Battery Pack Kit G50
6103XDJ41	AGM PVS14 J-Arm Dovetail Adapter	6610HCS1	Hard Case for Storage/Transportation
610150K1	PVS14 AGM 51 degree FOV Lens Kit (Kit includes Objective Lens and Eyepiece)		



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 P43 (green) or P45 (white) phosphor screen in two 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.

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.

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.

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.

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, $\times 10^{-11}$ Im/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%	
@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



LASER AIMING DEVICES

- WEAPON LASER AIMING DEVICES

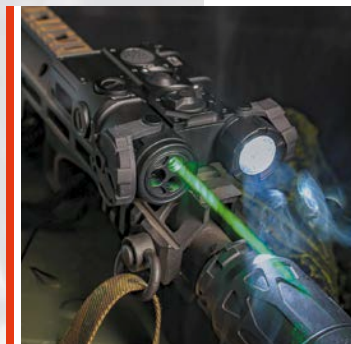
WLAD 1

WEAPON LASER AIMING DEVICE

The AGM WLAD 1 Weapon Laser Aiming Device is a CLASS 1 laser consisting of a green visible aiming laser, a near-infrared (near-IR) aiming laser, IR illuminator and 300 lm LED flashlight.

The function of the WLAD is to provide an operator with highly collimated aiming lasers for precision aiming and targeting visible in low light conditions and in conjunction with night vision devices for night time applications. The focusable near-IR illuminator floods the area of interest with near-infrared light only visible when used with night vision devices.

- Rapid active target acquisition
- True night vision compatible mode
- Six function modes
- User selectable constant wave or pulsed modes of flashlight
- 300 Lumen LED flashlight
- Tactical remote switch
- Co-boresighted aiming lasers
- Low base design
- IP68 waterproof
- 3-Year Warranty



WLAD 3

WEAPON LASER AIMING DEVICE

The AGM WLAD 3 Weapon Laser Aiming Device is a CLASS 3B laser consisting of a green visible aiming laser, a near-infrared (near-IR) aiming laser, IR illuminator and 300 lm LED flashlight.

The function of the WLAD is to provide an operator with highly collimated aiming lasers for precision aiming and targeting visible in low light conditions and in conjunction with night vision devices for night time applications. The focusable near-IR illuminator floods the area of interest with near-infrared light only visible when used with night vision devices.

- Rapid active target acquisition
- True night vision compatible mode
- High/Low output power and six function modes
- User selectable constant wave or pulsed modes of flashlight
- 300 Lumen LED flashlight
- Tactical remote switch
- Co-boresighted aiming lasers
- Mounting: Weaver or Rail Picatinny Type MIL-STD-1913
- Low base design
- IP68 waterproof
- 3-Year Warranty



SPECIFICATIONS

LASER AIMING DEVICE

	WLAD 1			WLAD 3		
	IR LASER	GREEN LASER	IR ILLUMINATOR	IR LASER	GREEN LASER	IR ILLUMINATOR
Class	1B			3B		
Output Power	<0.2 mW	<1 mW	<0.7 mW	2±1 mW (Low) 20±5 mW (High)	<4 mW (Low) 10±2 mW (High)	2±1 mW (Low) 20±5 mW (High)
Operating Distance	> 200 m	> 25 m (in direct sunlight)	> 100 m	> 400 m (Low) >2,000 m (High)	> 50 m (in direct sunlight)	> 400 m (Low) >2,000 m (High)
Divergence	0.5+0.3 mRad	0.5+0.3 mRad	1-100 mRad	0.5+0.3 mrad	0.5+0.3 mrad	1-100 mrad
Wavelength	830±15 nm	520±10 nm	830±15 nm	830±15 nm	520±10 nm	830±15 nm
W/E Adjustment	0.25 mil			0.25 mil		
Retention after 1,000 Shots	1 mRad			1 mrad		
Battery Type	One 18650 Li-Ion rechargeable battery (3.7V)			One 18650 Li-Ion rechargeable battery (3.7V)		
Operating Temperature	-20°C to 50°C (-4°F to 131°F)			-20°C to 50°C (-4°F to 131°F)		
Water & Dust Proof	IP68			IP68		
Shockproof	1,200 G			1,200 G		
Color	Black (WLAD 1B) / Tan (WLAD 1TAN)			Black (WLADL-3B) / Tan (WLAD-3T)		
Dimensions	113 x 77 x 42 mm (4.3 x 3.0 x 1.5 in)			113 x 77 x 42 mm (4.3 x 3.0 x 1.5 in)		
Weight	298 g (10.5 oz)			298 g (10.5 oz)		



VISION WITHOUT LIMITS

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