



AGM  
GLOBAL  
VISION

# PVS14-OMEGA

## NIGHT VISION MONOCULAR



The AGM PVS14-OMEGA is the lightest multi-purpose night vision monocular currently available. The ultra-light PVS-14 OMEGA is designed with new MIL-SPEC light weight optics and an improved battery compartment equipped with digital push button switches that reduces the total weight of the system from 350 grams to only 240 grams.

The modified AGM PVS14-OMEGA retains all the characteristics of a normal AN/PVS-14, but in smaller housing dimensions. The unit features a Full Diopter Adjustment Range, Infrared LED, Gain Control, IR/Low Battery Indicator, flip up turn off and flip down turn on system and the capability to be hand-held, mounted on the helmet, headgear or weapon.

The AGM PVS14-OMEGA operates with just 4 controls, similar to the AN/PVS-14: one button for power on/off, one button for turning on and off the IR LED, and two switches (+/-) for raising and lowering the Gain Control.

The PVS14-OMEGA 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.

Manufactured with US made optics and components and equipped with high-quality Gen 2+ or Gen 3 tubes, the AGM PVS14-OMEGA provides outstanding performance that complies with US military standards.

- Compact and light-weight design
- Wide 51° field of view
- Manual gain control
- Built-in infrared illuminator
- Powered by single AA battery
- IR/Low Battery indicator
- Head or helmet-mountable
- Made in USA
- Limited 3-year warranty



Equipment described herein is subject to US export regulations and may require a license prior to export. Diversion contrary to US law is prohibited.

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## SPECIFICATIONS

Image Intensifier Tube	Gen 2+ or Gen 3
Magnification	1x (3x and 5x optional)
Lens System	19 mm; F/1.26
FOV	51°
Focus Range	0.25 m to infinity
Diopter Adjustment	-6 to +2 diopters
LED Indicators (in the FOV)	- Low Battery - IR On - Excessive Light Conditions
Manual Gain Control	Yes
Bright Light Cut-Off	Yes
Infrared Illuminator	Yes
Battery Type	One AA Alkaline or L91 Lithium
Battery Life (Operating)	Up to 50 hours at 20°C
Operating Temperature Range	-51° C to +49° C (-60° F to 120° F)
Storage Temperature Range	-51° C to +85° C (-60° F to 185° F)
Weight	0.24 kg (8.4 oz)
Dimensions (w/o lens cap and eyecup)	102 x 63 x 69 mm (4.0 x 2.5 x 2.7 in)
Package Includes	Night Vision Monocular, Head Mount Assembly, Brow Pad, Eye Cup, Helmet/Head Mount Adapter, System Soft Carrying Case, Daylight Filter, Shoulder Strap, Lens Paper, Diopter Lens Cap, Sacrificial Window, Demist Shields, Manual, Battery

## OPTIONAL EQUIPMENT

Sioux850 Long Range Infrared Illuminator with Mount, Dovetail to Weaver Transfer Piece, Rechargeable Battery, and Charger (P/N 501SIOUX850IR1)

Afocal Magnifier Lens Assembly, 3X for PVS-14-50 (P/N 61023X51)

Afocal Magnifier Lens Assembly, 5X for PVS-14-50 (P/N 61025X51)

Weapon Mount for PVS-14 (P/N 6107WMP1)

Norotos MICH Helmet Mount Assembly (P/N 6103MHM1)

Norotos PASGT Helmet Mount Assembly (P/N 6103PHM1)

Hard Case (P/N 6610HCS1)



Specifications are subject to change without notice.  
Images are for illustration purposes only.



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