



Night vision

MONOCULARS



ITT Industries
Engineered for life

PVS-14D (Gen 3) Night Vision Monocular

The AN/PVS-14D (D stands for "Delta") is a light weight, multi-purpose, monocular night viewer. The objective and eyepiece assemblies allow attachment of similar accessories and the head/helmet mount adapter is exactly the same. Also available is a weapon mount adapter to allow the system to be mounted on the M16/M4 Picatinny style rail. A long list of optional accessories allows configuration to meet all customer requirements.

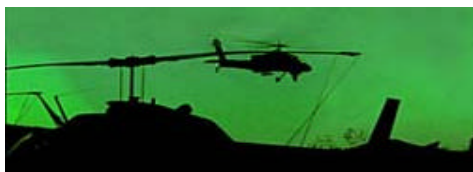
The U.S. Army has adopted the AN/PVS-14 as its standard monocular device. It is a self-contained system operating on 2AA batteries and features manual gain control to meet various brightness conditions. A red low-battery indicator appears in the eyepiece when battery replacement is needed.

The AN/PVS-14 is supplied with the Military headstrap for hands-free use and has many optional accessories. Each system is built to current U.S. Military specifications and ships with certification of performance specifications from the manufacturer. This package includes the PVS-14D, Military headstrap, sacrificial window, demist shield, batteries, manual and carry case.

N-6015 Night Vision Monocular

The 6015 is a lightweight, self-contained, Gen 3 image intensification system capable of being used either hand-held, attached to a 35mm/video camera, mounted to a small arms weapons mounting rail or mounted to an AN/PVS-B headmount or helmet mount.

The 6015 is intended to be used in starlight and moonlight for tactical operations, covert surveillance, reading, vehicle maintenance and administering medical aid. The 6015 incorporates an infrared (IR) light source that provides illumination (when required) for close-up viewing. An eyepiece diopter adjustment is provided so that the 6015 can be worn without corrective eyeglasses.



**PVS-14D Monocular with Eotech Holosight
"The Total Night Vision Package"**



NQ-6015 with Adjustable Headmount System



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NQ-150 Night Vision Monocular (Gen 2)

Designed for law enforcement use, the Night Quest 150 features Generation 2 technology and a variety of automatic and manual controls. Features one-step focus knob and automatic high-light cutoff. Rugged, waterproof construction. "Battery saver" cutoff timer standard. Is lightweight (17.5 oz.) and measures 7 1/4" (L) x 3 1/2" (W) x 2" (H). Operates on two AAA batteries. Includes carrying case and one-year factory warranty.



NQ-160 Night Vision Monocular (Gen 3)

The Night Quest 160 gives you the same clarity and sharpness enjoyed by users of our military aviator goggles. One of the most comfortable and easy-to-use Generation 3 viewers, the 160 is also built to take the abuse. Features one-step focus knob and automatic high-light cutoff. Rugged, waterproof construction. "Battery saver" cutoff timer standard. Is lightweight (17.5 oz.) and measures 7 1/4" (L) x 3 1/2" (W) x 2" (H). Operates on two AAA batteries. Includes carrying case and one-year factory warranty.



NQ-6010 Night Vision Monocular (Gen 3)

Capture stunning video or still photography in ultra-low-light situations with this versatile, compact, and lightweight Generation 3 pocket scope. The 6010 functions both as a handheld viewer and as a camera night lens system for video and 35 mm SLR cameras. Objective C-mount adapter allows you to attach any C-mount lens of your choice. The C-mount adapter is included with the NQ6010. Features a swing-out IR light source and built-in tripod socket. Has automatic high-light cutoff. Comes with interchangeable objective lens. Carrying case included. Uses two AA batteries.





Night vision

GOGGLES



AN/PVS-7D Night Vision Goggles (Gen 3)

The newly improved ITT AN/PVS-7D "Delta" is the world's most rugged, reliable, high performance night vision goggle. Extensively used by the U.S. Army for ground operations, the PVS-7D is the state-of-the-art in night vision technology. Utilizing a high performance MX-10130 Gen 3 image intensifier, the PVS-7D can be used in the darkest of conditions - headmounted or handheld. The system has a built-in IR (infrared) illuminator for close up viewing in total darkness. Engineered for maximum comfort, the PVS-7D is light weight and easy to use. The PVS-7D features include a low battery indicator and a high light sensor which automatically cuts power to the image tube when too much light is present. Comes with headmount system and helmet mount.



NQ-5000 Night Vision Goggle (Gen 3)

Similar to the 5001, the Generation 3 Night Quest 5000 goggles are designed with durable military construction and feature a built-in IR illuminator for additional light. The 25 mm objective lens is removable, allowing the unit to accept a variety of C-mount lenses. The 5000 is ideal for long range viewing with telephoto lenses and can be handheld or head-mounted.



NQ-220 Night Vision Binocular

The Night Quest 220 combines the power of Generation 3 night vision technology with convenient hands-free operation for night time ops or work in dark rooms. Converts to a handheld unit easily with quick-release headmount feature.



NQ-222 Night Vision Binocular

The Night Quest 222 combines the power of Generation 2 night vision technology with convenient hands-free operation for night time operations and maneuvers. The rugged headmount offers quick release for easy handheld conversion in camping situations.



Night vision

WEAPON SIGHTS



USNV 441 Night Vision Weapon Sight

The innovative D-441 is the latest design in high performance night vision weapon sights. It features an adjustable red on green backlit crosshair reticle for extremely accurate nighttime shooting. Precision manufactured from the finest materials, only the latest Generation III American-made image intensifier tubes are utilized in its construction. Easy to operate, all sight controls have been integrated into the mounting assembly for convenient "user friendly" operation. The D-441 also incorporates a high-strength weaver style mounting base for easily attachment to a wide variety of weapons. The D-441 is one of the most formidable night vision weapon sights available today.

Key Features Include:

- ? Shock Resistant
- ? Rugged Military Design
- ? Light Weight (36 oz)
- ? Weaver Style Mounting Base
- ? Automatic Brightness Control
- ? Soft Carrying Case
- ? Daylight Sighting Filter
- ? Operators Manual
- ? Two-Year Warranty

Specifications:

- ? Generation: 3
- ? Magnification: 3x
- ? Objective Lens: 75mm F/1.6
- ? Field of View: 14°
- ? Diopter Range: +/-4
- ? Range of Focus: 5m to Infinity
- ? Battery Type: One 3V lithium
- ? Dimensions: 9" x 2.5" x 3"
- ? Weight: 36 oz



Aries Defender 6800C (Gen 2) and 7800C (Gen 3) Scope

The new Aries Defender is one of the most compact, high-end night vision scopes available. Utilizing top-grade U.S. manufactured Generation 2 and 3 image tubes, the Defender has extremely sharp resolution and brightness. These full-featured compact Generation 2 (6800C) and Generation 3 (7800C) scopes feature a new super fast front lens system for optimal brightness, easy push button operation, and reticle brightness adjustment. Plus, the Defender comes with a detachable 450mw Infrared Illuminator for total darkness usage (the most powerful in the industry!) In addition, the IR Illuminator now has dedicated windage and elevation adjustments for optimal targeting. Compact, rugged and highly accurate, the 6800C and 7800C is the choice for precision night time shooting.





Night vision

WEAPON SIGHTS



Raptor 4x Night Vision Weapon Sight

Utilizing the most advanced American Made Image tube technology available, the Raptor is the state-of-the-art in night vision weapon sights. Designed to meet exacting U.S. Military requirements for long range night time shooting, the rugged and light weight Raptor can be mounted on almost any weapon. The Raptor incorporates a fully adjustable illuminated red reticle with 0.2 mil elevation & windage adjustments. Manual brightness control of the reticle allows for accurate aiming in any light conditions.

Key Features of Raptor 4x and 6x Weapon Sights Include:

- ? High Performance Gen 3+, 18mm
- ? MCP Image Intensifier Tube
- ? Super High Resolution (64lp/mm minimum)
- ? Available in 4x or 6x
- ? Shock Protected Optics
- ? Combat Proven
- ? Water Resistant
- ? Built to Mil-Specs

Also Included with Sight:

- ? Bright Source Protection
- ? Pressure Operated Light-Secure Eye Guard
- ? Daylight Flip-Up Training Filter
- ? Locking Hard Case
- ? Cleaning Brush
- ? Lens Cleaning Paper
- ? Operates on 2-AA Batteries (40 hours)
- ? Operators Manual
- ? Two-Year Warranty



Raptor 6x Night Vision Weapon Sight

Originally designed for military and professional demands for extreme long range accuracy, the RAPTOR 6x Weapon Sight can easily be mounted on almost any weapon system including military .50 cal sniper rifles. Optional mount adapters are available for specific mounting needs.

Sighting is accomplished with a variable illuminated chevron ballistic reticle. The red on green reticle is fully adjustable for bore sighting and has a separate control for optimal reticle brightness and contrast for all lighting conditions.



Night vision

ORION NIGHT VISION FILTERS

Orion Night Vision Filters

Orion Night Vision Filters eliminate the symptoms of night vision blindness and/or significantly reduce eye fatigue when wearing (and/or removing) Night Vision Devices (NVD) in total darkness.

This Patented filter technology "selectively regulates" individual wavelengths of light to minimize the visual sensations of blindness and overwhelming brightness caused by phosphorous "green screens."

Available now, **Orion Night Vision Filters** can be individually fabricated for specialized Night Vision Devices and are obtainable in customer-specified sizes/shapes and quantities.

Orion Night Vision Filters meet or exceed established ANSI and Industrial Safety Standards, including the Standard High Velocity Lens Impact Test, Z87.1 (1989 Version). **Orion Filters** are also compatible with sophisticated transmitting or blocking technical thin film metal coatings, including some laser protection applications.

Orion Night Vision Filters are only available to U.S. Military and U.S. Law Enforcement Agencies.



Orion Night Vision Filters are Patented With Additional Patents Pending

- ? Orion Flat Optical Filters are ANSI-Z87.1 Compliant
 - ? Standard Diameter Tolerance $+0.000'' -0.010''$
 - ? Standard Flat Filter Thickness $0.090''/2.286\text{mm}$
 - ? Anti-Scratch Hard-Coating (2-sides) ~ Included
 - ? $<99.9\%$ UVA & UVB Filter Blocking ~ Included
 - ? Anti-Reflective Coating (1-2 sides) ~ Available
- ? Anti-Fog & Technical Thin Film Metal Deposit Coating(s) ~ Available
 - ? Custom Shapes (i.e., Square/Rectangle/Multi-Sided) ~ Available



Night vision

ACCESSORIES



3X Military/Commercial Magnifier Lens

High-performance Galilean afocal telescope that easily mounts to the objective lens of many night vision devices. The lens can be threaded or snapped onto the objective lens. Incorporates very fast optics (F/1.5) with field of view 13°. Includes snap-on adapter, convenient flip-up objective lens cover, removable rear lens cap, and carrying case. Waterproof.

Magnetic Compass Kit

Displays compass reading directly in top of the night vision scene. Automatically focused for simple operation, it is activated by a momentary-pressure switch that illuminates the compass bearings but does not degrade low-light viewing.



DX Classic Kit

Kit includes; 2.2X magnifier lens; 3-in-1 magnifier lens; IR Illuminator; Monocular illuminator mount; Binocular illuminator mount with tripod mount; Monocular tripod mount; 46mm lens adapter made for the 150 and 160 Monoculars.



2.2X Magnifier Lens

Can be used by itself or as a multiplier with components of the 3-in-1 lens. The combined lenses can provide up to 6X magnification.

IR Illuminators

Features an adjustable infrared beam that enables increased viewing when there is little or no ambient light. Zoom feature allows IR beam to be adjusted from narrow to wide. Can illuminate targets as far away as 200 yards. Can be mounted to Models 150 and 160.



M1 Millennium Infrared Illuminator by Surefire

Our latest generation infrared lighting tool now has a hard anodized finish and produces a smooth beam of infrared light for use with night vision devices or weapon scopes. The M1 will run for 8 hours on one 123A size lithium battery. It includes a lanyard system.



Infrared Flashlight Filters

Infrared filters from block 99% of the visible light spectrum from any flashlight using Krypton, Xenon, or Halogen light bulbs. Various styles and sizes are available.



Night vision

BEACONS/LOCATORS, ETC.



VIP IR Beacon

The VIP IR beacon provides a steady IR light and two flashing IR signals that can be used for SOS or as a positioning aid. The VIP is unable to be seen with the human eye, but highly visible with a night vision system. Built to take the stress of special operations endeavors. Water proof and impact resistant.

VIP IR Dual Function IR LED Beacon

The VIP IR dual function beacon provides the steady and flashing infrared signals, as well as a steady light that is visible with the unaided eye. Many of the world's elite military, police, and search and rescue teams currently use the VIP and attest that it sets new standards of quality and reliability. It is the only LED light that is a IR flashlight, visible green flashlight, IR locator and S.O.S. beacon all in one palm-sized package. Has a built in safety feature whereas the operator must follow a standard procedure for activating the visible green light., thus removing the danger of accidental triggering.



Guardian Steady or Flashing IR Markers

These are great small, inexpensive IR marker beacons. They can be used for a multitude of purposes such tracking operators from the air, it even can be attached to the collars of police K-9 units. These beacons provide either a flashing or steady IR pulse. This infrared light source is not visible to the human eye but can be used by night vision systems to amplify. The Guardian runs for up to 150 hours. Can either be worn on a wrist strap or attached to vests, packs, etc. Waterproof and impact

Phoenix Jr. IR Beacon

The Phoenix Jr. is a small, light-weight, flashing-only infrared (IR) beacon. The transmitter's components are completely encased in a transparent epoxy that is impervious to shock, water and most oil-based solutions. The Phoenix Jr. may be used as an identifier and marker for vehicles, personnel, convoys, mines/obstacles, helipads, passage points and room clearings.



Phoenix IR Beacon

The Phoenix is a programmable infrared (IR) beacon designed for individual combat identification (CID). It is perfect for the covert marking and positive identification of individuals, airdrop bundles, vehicles, routes and landing zones. Any metallic object, such as a coin, can be used to enter and change the flashing code.