

US NIGHTVISION **PRODUCT CATALOG**

monoculars • binoculars • goggles • weapon sights • thermal • blackout infrared lighting
accessories • helmets • body armor • day optics • holographic sights • lasers • flashlights





The US Night Vision Hummer H2, equipped with L3's Night Driver System.

Imagine driving at night with vision extended to 1,500 feet, or farther. Imagine being given four times as much time to react. Now it's easy to imagine the amazing safety improvements L3 Infrared technology is bringing to our nation's drivers. With L3's NIGHTDRIVER, drivers can spot hidden dangers and hazards sooner. Now you can be ready for what dangers lurk ahead.

A vehicle traveling at 60 miles per hour can cover 500 feet in less than six seconds. A driver has to see, understand, and respond with evasive action within that time frame. The odds are not on the driver's side. Vehicles equipped with L3 NIGHTDRIVER can help assist drivers see road hazards further ahead. This can provide you with an advantage three to five times above and beyond the normal reaction time.



View w/o NIGHTDRIVER

View w/ NIGHTDRIVER

NIGHTDRIVER

by **L3**
communications
Infrared Products

Thermal-Eye X200xp

The Thermal-Eye X200xp has advanced significantly beyond its X100 predecessor, which has performed with accolades in both Afghanistan and Iraq. This new unit offers 50% greater stand-off-range than the previous generation's unit and can detect human activity at up to 450 meters (1,500 feet), about the length of four football fields.

The X200xp also has improved image processing for best-in-class image quality. The unit's sophisticated image processing provides greater scene detail and improved clarity and sharpness. The technology also offers improved vision in challenging field conditions like dust, smoke and complete darkness, all while preventing a blooming effect from nearby lights common in image intensification cameras. The 30-hertz, 30-μm detector ensures not only a fast turn-on time, but also real-time video imaging.

Designed for the rigors of outdoor use, the X200xp features a rubberized slip-resistant coating and can withstand shock and vibration. This hand-held, pocket sized unit also exceeds waterproof standards and conveniently operates on standard AA batteries. Other features include, DC power input, video output jack, protective lens cap, tripod mount for stationary use and a neck strap.



View w/o Thermal-Eye X200xp

View w/ Thermal-Eye X200xp



L3
communications
Infrared Products

See the Unseen™



Export Disclaimer

The export of night vision and other restricted technologies is regulated by the Office of Munitions Control, US Department of State and is subject to the International Traffic in Arms Regulations (ITAR) and falls under the ITAR per title 22, Code of Federal Regulations (CFR), Parts 120-130. You can find out more information by clicking on the ITAR logo on our website or by contacting our Export Department. Any attempt to export Generation 2 or Generation 3 night vision without proper licensing is strictly prohibited.

Customer Service

US Night Vision stands firmly behind its products. Our reputation for quality is only surpassed by our reputation for customer service. We consistently strive for complete customer satisfaction, regardless of the size of the sale. US Night Vision offers a 10 day money-back guarantee on all purchases*. Our Generation 2 and Generation 3 manufactured products come standard with a 2 year warranty. We also offer free lifetime cleaning and calibration for all the products we manufacture. When the brand is USNV, you can rest assured that your investment is well protected.

Expert Advice

US Night Vision prides itself on being the best source for accurate information in the industry. We offer free advice on our web site, www.usnightvision.com. Just submit your question to the "Ask an Expert" section of our home page, and a representative will be glad to assist you. From the simple to the complex, we are committed to answering all of the questions we receive in an accurate and timely manner.

Exporting Night Vision and Other Restricted Technologies

The exporting of night vision devices is STRICTLY regulated by the U.S. State and Commerce Departments. U.S. Night Vision follows the guidelines set forth by the International Traffic in Arms Regulations (ITAR). You can find out more information by clicking on the ITAR logo on our web site, or by contacting our Export Department. YOU CAN NOT TAKE ANY GENERATION 2 OR 3 NIGHT VISION DEVICES OUTSIDE THE UNITED STATES OF AMERICA WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE US STATE AND/OR COMMERCE DEPARTMENTS. FAILURE TO COMPLY WITH THESE REGULATIONS WILL RESULT IN LARGE FINES AND JAIL TIME.

* Some restrictions apply; speak to an account representative for more details.



monocular/binocular

USNV 6015

The USNV-6015-A has been newly redesigned and uses a single "AA" battery to operate. It features Automatic Brightness Control and Bright Source Protection which provides for a sharp, clear image. This system can be used for general observation, adapted for camera use, mounted to a head or helmet mount, or attached for small arms mounting. The addition of a 3x or 5x magnifier lens allows for long range observation and the built-in infrared illuminator enhances viewing in the darkest conditions. The USNV-6015-A is designed for the most demanding nighttime applications.

S P E C I F I C A T I O N S

Eye relief: 25mm	Diopter: +2-6	Battery: (1) AA battery
Magnification: 1x	Weight: 12.5 oz	Continuous Operation: 40 hours
Field Of View: 40 degrees	Size: 4.5" x 2" x 2.5"	Warranty: 2 Year



 **PHOTONIS-DEP**
image intensifiers

 **ITT Industries**
Engineered for life

USNV PVS-14 Alpha

The USNV-PVS-14A is the optimum night vision monocular for users who require a multi-purpose night vision device. This system can be used hand-held, weapons mounted using a variety of different mounting systems, or head or helmet mounted for hands-free operation. Features include variable gain control which allows the user to adjust the image brightness for use in varying light conditions. The addition of a 3x or 5x magnifier lens allows for long range observation and the built-in infrared illuminator enhances viewing in the darkest conditions. The newly redesigned USNV-PVS-14A operates on a single "AA" battery and is built to fulfill the most demanding applications.

S P E C I F I C A T I O N S

Eye relief: 25mm	Diopter: +2-6	Battery: (1) AA battery
Magnification: 1x	Weight: 12.5 oz	Continuous Operation: 40 hours
Field Of View: 40 degrees	Size: 4.5" x 2" x 2.5"	Warranty: 2 Year



USNV PVS-14A with
3x lens accessory.



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goggle



PVS-7 on helmet mount.



PVS-7 accessories.



PVS-7 with 3x lens accessory.

PVS-7 Mil Spec PVS-7 Com Spec

The PVS-7 Mil Spec is the standard issue goggle supplied to the U.S. Military and its allies. The PVS-7 Mil Spec uses an ITT image tube and a dual eye configuration, and the PVS-7 Com Spec comes equipped with a Photonis-DEP tube. The PVS-7 Com Spec provides outstanding night vision performance.

It features simple user controls and fully automated image tube protection. This system allows the user to have complete freedom of movement while maintaining equilibrium and balance in a hands-free application. The PVS-7 Mil Spec also incorporates an infrared illuminator with a momentary and continuous on switching function. Infrared operation and low battery indicators are displayed within the user's field of view.

The PVS-7 Mil Spec and PVS-7 Com Spec comes complete with a lightweight, fully adjustable military head strap that allows for comfortable long-term use. A wide range of optional accessories includes high magnification lenses, compass, infrared spot/flood lens and helmet mounting bracket. Ships with: Head-mount, Military Soft case, batteries, extra brow pads, lens tissue, and a manual.

S P E C I F I C A T I O N S

Technology: Photonis-DEP & ITT	Diopter: +2-6	Battery: (2) AA
Magnification: 1X	Weight: 19.2 oz	Battery Life: 40 hours
Field Of View: 40 degrees	Size: 6" x 3" x 6"	Warranty: 2 Year

Available Accessories:

- 3x lens
- 5x lens
- Compass
- Spot Flood
- Helmet Mount



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monocular



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USNV-18™

The USNV-18 Night Vision Monocular is light weight and extremely versatile in its design. The USNV-18 can be used hand-held, head-mounted, weapon-mounted or attached to a camera/camcorder. The multi-coated optics and integrated Infrared Illuminator enhance image clarity in low-light situations. The unit operates on a single 3V Lithium battery and is submersible up to 2 Meters. The USNV-18 also features an Infrared Illuminator and Low Battery indicator in the user's field of view. This allows the operator to monitor functionality while in hands free mode. The system is also compatible with many weapon mounted laser aiming modules and holographic weapon sights. The optional weapon mount quickly attaches the unit directly to a weaver base or picatinny rail. The "single tube / single eyepiece" approach to night vision is based upon the proven concept that independent use of each eye maximizes the ability of the user to operate under a wide range of low light conditions. This tactic tends to enhance the users field of view and also allows the user to retain full peripheral vision in the unaided eye. The unaided eye now works in conjunction with the 40 degree field of view offered by the night vision device. Standard Package: Unit, Carry Case, Battery and Warranty. Optional Accessories: Helmet Mount, Magnifier Lenses as standard equipment.



USNV-18 with 3x lens accessory.



S P E C I F I C A T I O N S

Technology: Photonis-DEP & ITT	Magnification: 1x f1.2	Field of View: 40°
Diopter: -4/+5	Weight: 18 oz.	Size: 4.5"H x 2.5"W x 2"D
Battery: 1 (3v) CR123 Lithium	Battery Life: 40 Hours	Warranty: 2 Years

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monocular/binocular

USNV-14/14B

The USNV-14 utilizes a U.S. Made Generation ITT (64lp) image intensifier tube to provide crisp, clear images under the darkest conditions. Utilizing the most advanced Mil. Spec. housing, this system is built to handle the toughest of environments. The unit can be handheld, or attached to a standard PVS-7/14 head-mount or helmet mount.

The USNV-14B utilizes two ITT image intensifier tubes. It is smaller and lighter than any other dual-tube system available. The USNV-14/14B is fully submersible to a depth of 66 feet (20 Meters). The units will work with either a single AA or 3.5-volt lithium battery, offering more flexibility and longer battery life. The integrated IR illuminator enhances the ability of the user to read maps, and operate in confined spaces.

S P E C I F I C A T I O N S

Magnification: 1x	Eye Relief: 27mm	Continuous Operation: >40 hours
f-number: 1.2	Weight: 9.6 oz.	IR Illuminator Range: ~20 meters
Field Of View: 40 degrees	Voltage: 3.0 VDC	Dimensions: 4.2" x 2" x 2.5"
Diopter Adjustment: -4 to +6	Power Source: (1) AA or 3.5V Lith.	Warranty: 2 Year



An M-4 integrated with a USNV-14 weapons system, an EOTech 552 Holographic scope and an infrared (night vision compatible) laser.



3x lens accessory.



The USNV-14 comes complete with accessories shown, and with storage bag, standard.

Available Accessories:

- Compass
- Spot Flood
- Weapon Mount (included)
- 3x mil lens
- 5x mil lens



USNV-7/14 on headmount (included).





weapon sights



USNV-441 weapons sight and an infrared (night vision compatible) laser, mounted on a Colt AR-15.



USNV-441 weapons sight mounted on Remington 700.

USNV-441 Mil Spec USNV-441 Com Spec

The USNV-441 is a professional grade Night Vision Weapon Sight. Weighing only 36 oz., the USNV-441 is highly regarded for its incredible nighttime shooting performance. Features include an illuminated red-on-green backlit reticle, adjustable reticle brightness control, multi-coated optics and a high-strength weaver mount. Target acquisition is made easy with the extra-fine cross hair reticle and allows precise shot placement at extended ranges. Automatic Brightness Control and Bright Source Protection are standard. The USNV-441 is the ultimate compact tactical night vision weapon sight.

S P E C I F I C A T I O N S

Technology: Photonis DEP	Diopter: +2-6	Battery: 3V Lithium
Magnification: 3x	Weight: 36 oz	Battery Life: 40 hours
Field Of View: 12 degrees	Size: 10" x 2.3" x 4"	Warranty: 2 Year

Available Accessories:

Hard Case
BV Lithium Battery



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PHOTONIS-DEP
image intensifiers




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thermal



Thermal-Eye X200xp

The L-3 Thermal-Eye X200xp has advanced significantly beyond its X100 predecessor, which has performed with accolades in both Afghanistan and Iraq. This new unit offers 50% greater stand-off-range than the previous generation's unit and can detect human activity at up to 450 meters (1,500 feet), about the length of four football fields.

The X200xp also has improved image processing for best-in-class image quality. The unit's sophisticated image processing provides greater scene detail and improved clarity and sharpness. The technology also offers improved vision in challenging field conditions like dust, smoke and complete darkness, all while preventing a blooming effect from nearby lights common in image intensification cameras. The 30-hertz, 30- μ m detector ensures not only a fast turn-on time, but also real-time video imaging.

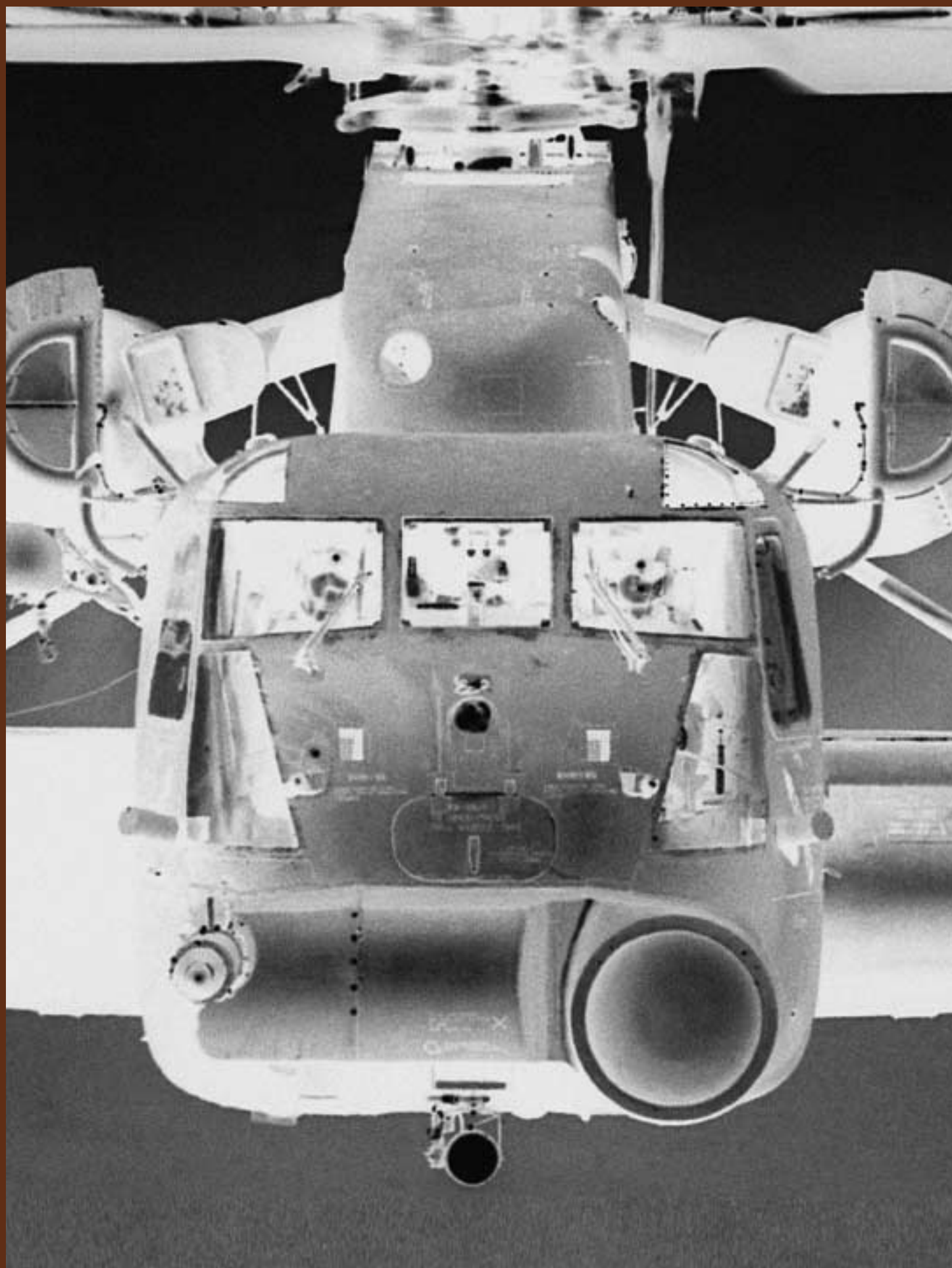
Designed for the rigors of outdoor use, the X200xp features a rubberized slip-resistant coating and can withstand shock and vibration. This hand-held, pocket sized unit also exceeds waterproof standards and conveniently operates on standard AA batteries. Other features include, DC power input, video output jack, protective lens cap, tripod mount for stationary use and a neck strap.



Thermal-Eye X-100xp

The L-3 Thermal-Eye X100xp is the smallest and lightest handheld thermal imaging viewer currently available. The state-of-the-art amorphous silicon microbolometer technology found inside the Thermal-Eye X100xp is what permits the camera to be so small and light. Measuring about five inches long and weighing only thirteen ounces, the X100xp easily fits into the palm of a hand or pocket, perfect for covert operations or convenience.

S P E C I F I C A T I O N S							
model	spectral response	focal range	field of view	weight	dimensions	power source	auxiliary power
Thermal-Eye X-200xp	7-14 microns	up to 1,500 feet	11° x 18°	13 ounces	5.25"L x 4.25"W x 2"H	2 AA	9 to 12 VDC input on rear outlet jack
infrared polarity	display	output format	operating temp.	water resistance	brightness/contrast	view finder dimming	warranty
white = hot, black = cold	monochrome LCD	NTSC or PAL	-20° to 60°C	to depth of 9'	fully automatic	integral to power on/off switch	2 year
model	spectral response	focal range	field of view	weight	dimensions	power source	auxiliary power
Thermal-Eye X-100xp	7-14 microns	up to 1,000 feet	17° x 12°	13 ounces	5.25"L x 4.5"W x 2"H	2 AA	9 to 12 VDC input on rear outlet jack
infrared polarity	display	output format	operating temp.	water resistance	brightness/contrast	view finder dimming	warranty
white = hot, black = cold	monochrome LCD	analog: SMPTE-170	-20° to 60°C	to depth of 9'	fully automatic	integral to power on/off switch	2 year



thermal



communications
Infrared Products

Thermal-Eye 250D

The L-3 Thermal-Eye 250D takes thermal imaging to a totally new level with 2X zoom capability and digital technology for greatly improved imagery. The Thermal-Eye 250D is perfect for use in many applications such as public safety, search and rescue, security and wildland/exterior fire fighting. The sharp, black Thermal-Eye 250D is the new standard in handheld infrared technology.

	S P E C I F I C A T I O N S						
model	spectral response	zoom	field of view	weight	dimensions	power source	warranty
Thermal-Eye 250D	7-14 microns	2x	12° x 9°	3.4 pounds	9.5"L x 4"W x 4"H	6VDC Rechargeable	2 year
pixel count	stabilization	video update rate	standard lens	focus range	detect person at	vcr output	external control
320 x 240	thermoelectric cooler	30 Hz – real time	75 mm; f/1.0	8' - infinity	2,400 feet	eis rs-170 ntsc	rs-232 serial port
power consumption	power conservation	usage per charge	ergonomics	mounting provisions	operating temp.	water resistance	operating humidity
< 3.5 watts	"standby" mode	> 4 hours	one hand operation	tripod mount	-20° to 49°C	iec pub. 529 ipx4	0-95% w/o condense

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thermal



Thermal-Eye 4000M

Perfect for marine night vision, the L-3 Thermal-Eye 4000M offers state-of-the-art infrared thermal night vision. This rugged camera was designed to withstand the typical shock and vibration associated with marine applications and is weatherized to resist salt corrosion. With a pan and tilt-positioning platform, operated by a joystick controller, the user can observe or search for boats or stray objects in the water by maneuvering and pointing the camera in the necessary direction.



Thermal-Eye 4000B

The L-3 Thermal-Eye 4000B offers the ultimate surveillance vision advantage available. The rugged thermal camera can be easily roof-mounted on any vehicle and offers pan/tilt viewing, which is easily controlled by a joystick. The image is then presented within the safety of the vehicle on a flat panel monitor or managed data terminal, ideal for mounting on a police vehicle or in a fixed mount position to survey a perimeter.

S P E C I F I C A T I O N S							
model	spectral response	magnification	field of view	weight	dimensions	power source	warranty
Thermal-Eye 4000B	7-14 microns	up to 1,500 feet	12° x 9°	10 pounds	11.1"L x 11"W x 11"H	9.5 to 16 VDC	2 year
pixel count	focal plane array type	video output	IR polarity	focus range	detect person at	focus method	mounting
160 x 120	uncooled ferroelectric	NTSC	white = hot, black = cold	8' - infinity	1,500 feet	automatic	mobile or stationary

model	spectral response	magnification	field of view	weight	dimensions	power source	warranty
Thermal-Eye 4000M	7-14 microns	up to 1,500 feet	12° x 9°	10 pounds	11.1"L x 11"W x 11"H	9.5 to 16 VDC	2 year
pixel count	focal plane array type	video output	IR polarity	focus range	detect person at	focus method	external control
160 x 120	uncooled ferroelectric	NTSC or PAL	white = hot, black = cold	25' - infinity	1,500 feet	automatic	mobile or stationary

thermal

Thermal-Eye 2400xp

The new 2400xp is a state-of-the-art thermal imaging system that features advanced Thermal-Eye technology and is suited to a variety of applications including: military, law enforcement, industrial, executive security, and covert operations. The 2400xp features 2x zoom, a dual image with visual camera, a machined weatherproof enclosure, real time video, thermostatically controlled heating and cooling, and computer interface camera controls utilizing Infrared, Inc.'s exclusive Thermatect™ thermal detection software. Optional pan and tilt, manual, or computer controls. The 2400xp offer true 24/7 surveillance in a wide variety of weather conditions that standard systems just cannot offer. The 2400xp is ready to easily integrate into existing security networks or work as a stand alone system.



communications
Infrared Products



Thermal-Eye TSCss

The L-3 Thermal-Eye TSCss (Standard Series) is designed to fit into existing closed circuit television architecture as a drop-in substitute or enhancement. The plug-and-play Thermal-Eye TSCss offers the advantage of thermal imaging without the need for additional lighting. The small, low-cost camera uses the latest thermal imaging technology, offering the ability to see through the dark of night and all weather situations without the need for obtrusive lighting or image intensifiers. The Thermal-Eye TSCss is the solution to securing and monitoring your perimeter.



Thermal-Eye TSCxp

The L-3 Thermal-Eye TSCxp (Extended Performance) utilizes cutting-edge infrared technology to create the ultimate camera for surveillance and security applications. No illumination is required. The Thermal-Eye TSCxp can detect intruders over long distances by sensing the heat emitted from an object, person or animal. Athermalized optics also provides the advantage of focus over extreme temperatures. The Thermal-Eye TSCxp is designed to drop in any standard enclosure and is plug and play. It can be installed in just minutes.

	S	P	E	C	I	F	I	C	A	T	I	O	N	S		
model	spectral response	magnification	field of view	weight	dimensions	power source	warranty									
Thermal-Eye 2400xp	7-14 microns	up to 5,900 feet	depends on lens	35 lbs.	16"L x 10"W x 21"H	12 VDC	2 year									
pixel count	focal plane array type	video output	available lenses	focus	detect person at	LCD display interface	output resolution									
320 x 240	barium strontium titanate (bst)	analog: 9 bit digital: 16 bit	75 mm, 100 mm, 150 mm	electronic	up to 5,900 feet	serial VISCA (ttl)	320 x 240 pixels									

model	spectral response	magnification	field of view	weight	dimensions	power source	warranty
Thermal-Eye TSCss	7-14 microns	up to 1,000 feet	17° x 12°	14 ounces	7.7"L x 1.9"W x 2.3"H	24 VAC or 9-30 VDC	2 year
pixel count	focal plane array type	video output	FOV alternatives	focus	detect person at	color	synchronization
160 x 120	amorphous silicon microbolometer	NTSC	50° x 35°	fixed or manual	1,000 feet	silver	line sync w/ 24 VAC

model	spectral response	magnification	field of view	weight	dimensions	power source	warranty
Thermal-Eye TSCxp	7-14 microns	up to 1,000 feet	17° x 12°	16 ounces	8"L x 1.9"W x 2.3"H	24 VAC or 9-30 VDC	2 year
pixel count	focal plane array type	video output	FOV alternatives	focus	detect person at	color	synchronization
160 x 120	amorphous silicon microbolometer	NTSC	50° x 35°	fixed or manual	1,000 feet	black	line sync w/ 24 VAC



THE NEW HUMMER SCOPE

The all new HUMMER SCOPE transforms night vision equipment into rugged adventure gear.

Embark on a night hike, observe a cougar on a mountainside at 3:00 a.m., or find your campsite in total darkness. The HUMMER SCOPE night vision monocular intensifies ambient light using a professional-grade SuperGen image tube from Photonis-DEP. This cutting-edge technology is housed in a system designed to provide enhanced viewing in all low light conditions, including total darkness!

Newly developed, fully multi-coated optics provide excellent viewing through improved wavelength/contrast characteristics. The HUMMER SCOPE embodies cutting-edge technology, without forgetting practicality. Its ergonomic design is small enough to fit in the palm of your hand, pocket or backpack. Protected by a convenient, embroidered canvas bag, it also comes with a ruggedized, waterproof case, ensuring it will survive even the harshest conditions.



The HUMMER Scope is ideal for a variety of professional and recreational uses, including:

- Wildlife Observation
- Astronomy
- Boating
- Search and Rescue
- Camping
- Hiking
- Exploration



S P E C I F I C A T I O N S

Technology: Photonis-DEP	Diopter:	Battery:
Magnification:	Weight:	Battery Life:
Field Of View:	Size:	Warranty:

goggle/binocular



USNV-321 on headmount (included).



USNV-321 with 3x lenses (included).



USNV 221/321

The USNV-221 is one of the highest quality dual-tube/dual-eye night vision goggle/binocular available, offering a true stereoscopic night vision image. The USNV-221 utilizes a high-quality Photonis-DEP image tube. The unique patented design eliminates the need for interpupillary adjustment. The small size and light weight of this unit make it easy to carry. The USNV-221 features all of the benefits of Photonis-DEP technology, such as automatic brightness, bright light protection, along with a powerful IR illuminator. The USNV-221 is a highly professional night vision device. The system ships as a 3.2X Binocular, or a 1x goggle (with a headstrap).

The USNV-321 is the highest quality commercial dual-tube/dual-eye night vision goggle/binocular available. The USNV-321 utilizes the highest quality ITT image tubes. The USNV-321 features all of the benefits of the USNV-221, with ITT technology. The USNV-321 is a highly professional night vision device. Specialized multicoated optics provides extreme clarity in low-light situations. The system ships with a head-mount and a soft carry case. You can additionally purchase a pair of 3X magnification lenses converting the 321 into a 3X binocular.

Available Accessories:

3x lens
Headmount



US NightVision

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2 2 1 S P E C I F I C A T I O N S

Technology: Photonis-DEP	Field of View: 40 degrees	Dimensions: 4.5" x 4.5" x 2.2"
Objective lens: f1.5	Diopter Range: +4/-4	Weight: 22.4 ounces
Magnification: 1x	Battery: 3v Lithium	Warranty: 2 Year

3 2 1 S P E C I F I C A T I O N S

Technology: ITT	Field of View: 40 degrees	Dimensions: 4.5" x 4.5" x 2.2"
Objective lens: f1.5	Diopter Range: +4/-4	Weight: 22.4 ounces
Magnification: 1x	Battery: 3v Lithium	Warranty: 2 Year

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infrared lighting and filters



tactical flashlight

OP-6 Operator™ tactical lights provide a blinding white light. All Operator lights are designed to withstand rugged law enforcement use. The patented shock absorbing design allows the light to be used on large caliber rifles and shotguns.



BLACKOUT™
Infrared Filters

IR flashlight filter (sold separately).



BLACKOUT™
Infrared Filters

Blackout™ Infrared Filter Vehicle Kits – HMMWV

Tactical vehicle operations at night can often be difficult due to a lack of illumination. Driving with just NVGs not only slows down your element's rate of movement, but also makes recognition more difficult and increases your risk of fratricide. US Night Vision's Blackout Filter Kits™ for the HMMWV, Army 5 ton, Army 2^{1/2} ton and the Marine Corps 7 ton are an instance force multiplier for nighttime tactical vehicle operations. Each Blackout Filter provides as much IR illumination, when seen through night vision, as a vehicle's headlight seen by the naked eye at night; facilitating a safer, faster and more efficient means of travel. Blackout Filter kits come complete with two IR headlight filters (850 nm), two IR taillight filters (850 nm), 2 Ea. orange headlight covers, 4 Ea. running light covers. Nylon kit bag, instruction manual and mounting screws included.

Each HMMWV kits comes with:
2 Ea. IR headlight filters (850 nm)
2 Ea. IR tail light filters (850 nm)
2 Ea. orange headlight covers
4 Ea. running light covers.
Nylon kit bag, instruction manual
and mounting screws included.



We carry a line of high quality tactical lights for use on rifles and submachine guns. These rugged waterproof lights offer the ability to brightly illuminate the target in low light conditions. OP-6 Operator™ lights can be mounted with or without a laser on a variety of military, law enforcement and home defense weapons. Popular combinations include the 6-volt light mounted on the AR-15 style rifle and the H&K MP5. A full line of accessories, including tactical pressure pad switches and infrared filters, are available to customize the Operator™ lights. Contact us for product details.
(Mfg. by Laser Devices, Inc)

infrared lighting and filters

infrared flashlight filters

The perfect accessory to compliment any night vision device. Our Infrared Flashlight Filters convert a standard flashlight into a powerful IR illuminator. Available in different sizes, so please specify when ordering.



BLACKOUT™
Infrared Filters


US NightVision

infrared spot flood light

Greatly enhance your night vision device's capability with our Infrared Light Filters and Spot Flood Light Kits. The rechargeable million-candle spot light can be used with or without a filter attached, a very useful accessory.



Blackout Infrared Filters

Blackout Infrared Filters block 99% of the visible light spectrum from any visible "white" light source. Blackout Infrared Filters allow a maximum of Infrared output while maintaining extreme covertness. Currently in use around the world, Blackout Infrared Filters are used by Military, Law Enforcement, Industrial and Commercial customers. The unique makeup of our plastic allows for maximum durability and heat resistance. Our Blackout Infrared Filters are built to last for years. Aside from being manufactured to the highest tolerance, our filters can also be treated for glare resistance. Although this does decrease the light output, it can insure extremely covert operations for special applications. Please ask our expert sales staff for advise on our Blackout Infrared Filters.

When used with your spotlight, our filters will tremendously improve the effectiveness of your night vision equipment. Spotlight Filters come with a rubber boot that allows the filter to cover the existing lens. Our Flashlight Filters allow the user to operate more effectively with night vision equipment while maintaining a "visible" flashlight that can be deployed by simply flipping the filter boot off the bevel of the flashlight.

Blackout Filters will become the most important accessory to your night vision device. Even Generation 3 is greatly enhanced with the use of our Blackout Spot Light and Flashlight Filters. We currently ship many kits to the U.S. Military to aid in our overseas operations. Our Blackout Filters are currently helping U.S. and Coalition soldiers operate more effectively at night.

We offer pre-package systems such as Blackout Spot Light Kits and Flash Light Kits. Blackout Infrared Filters are also available in pre-cut sizes to match the most popular flashlights. We can also custom cut any size up to 6" x 6" squares.

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lasers

DBAL intelligent dual beam aiming laser

The Dual Beam Aiming Laser (DBAL) waterproof system makes it easy to move from a visible daytime laser to an infrared night time laser. A variation of the DBAL system is available with an infrared aiming laser sight and infrared illuminator. Available with an Infrared (835nm) diode.

Available Only to Law Enforcement and Military Agencies on an Agency Purchase Order.

laser features

- Waterproof to 20 meters
- User can select from up to 8 pulse rates: from continuous ON to a combination of short and long pulses
- Low power eye-safe training mode reduces the IR pointer and IR illuminator power to Class 1 eye-safe level
- New, replaceable filter caps can be used to project up to 8 different laser beam patterns
- Optional filter caps cover reduces the laser pointer and illuminator output power to Class 1 eye-safe level
- Windage and elevation in precise 0.4 milliradian clicks



DBAL A2



Available Reticle Patterns (standard)



DBAL A1



OTAL Aiming Laser



ITAL Aiming Laser

ITAL and OTAL

Rugged, compact and fully waterproof, the ITAL and OTAL aiming lasers are used by military and law enforcement agencies worldwide. The ITAL (NATO #1005-99-535-5506), mounts on flat top rifles or on a barrel mounted rail and the laser aligns with the center of the barrel. The OTAL mounts behind the front sight on M-16 or M-4 style rifles and the laser is offset to project around the front sight. Each unit is equipped with a visible Super Power Point™ laser for maximum daytime visibility. **An optional Infrared laser diode is available to Law Enforcement and Military agencies only.**

laser features

- Waterproof to 20 Meters
- Compact size—only 2.8 inches long
- Minimizes weight added to front of weapon—only 4.9 ounces
- No tools necessary
- Fully adjustable windage and elevation
- Positive On/Off switch prevents accidental activation
- Supplied with:
 - A.R.M.S. throw lever mount or standard rail mount
 - Battery
 - 6" remote cable pressure pad switch
- Manufactured in the USA



EOLAD

The EOLAD™ combines the power of an infrared laser and infrared laser illuminator with the precision and speed of the EoTech Holographic Weapon Sight™. Designed to meet military standards to withstand temperature, shock and vibration, the EOLAD™ will handle the requirements of the toughest law enforcement and military missions. **Only available to Law Enforcement and Military agencies.**

features include

- Waterproof to 20 Meters
- Infrared laser and infrared illuminator
- Switch between laser, illuminator or laser and illuminator combined
- Low power mode (Laser Class I), for safe force-on-force training
- Activation indicator light
- Focusable/defocusable laser illuminator
- Optional pattern generators available
- Laser and illuminator adjust for pin-point accuracy
- Precision glass lens produces a nearly round laser point
- Supplied with EoTech Holographic Weapon Sight:
 - Batteries
 - 6" remote cable pressure pad switch
- Manufactured in the U.S.A.

weapon sights



An M-4 integrated with a USNV-14 weapons system, an EOTech 552 Holographic scope and an infrared (night vision compatible) laser.



Model 551



Model 552

EOTech 551 and 552

The new Model 551 and 552 HOLOGraphic Diffraction Sight (HDS) are now fully compatible with Generation 1, 2 and 3 night vision intensifier tubes. A special night vision setting on both units allow the operator to immediately drop the brightness intensity of the holographic reticle to eliminate any "halo" affect and saturation of the night vision device. The 551 and 552 can be positioned in front of a night vision system without any "bloom" of the target area. Now operators can combine proven night vision system with a superior Close Quarters Battle (CQB) sight to achieve greatly enhanced weapon aiming while in the night vision spectrum.



Aimpoint CompM2

The CompM2 is compatible with all generations of night vision devices. At the lowest brightness setting (for night-time use with a NVD) there is no need for an "off" position on the switch. No sight on the market can rival the light transmission through an Aimpoint sight in both the visible and IR ranges/spectra. This becomes especially obvious in dim conditions. The CompM2 has 4 NVD settings to give an extremely clear reticle in dark conditions.



MonoLoc System

The MonoLoc is an adaptation device that connects a night vision monocular or goggle to an optical device. When the monocular is attached with a MonoLoc adapter to a rifle scope, digital camera, camcorder, Close Quarters Battle (CQB) optic, laser rangefinder or spotting scope, it is then converted into a night vision device!



S P E C I F I C A T I O N S

model	reticle	magnification	field of view	weight	dimensions	battery	warranty
552	holographic display	1x	40°	8.8 ounces	4" x 1.8" x 2.25"	2 AA	2 year
551N	holographic display	1x	40°	11.5 ounces	5" x 1.8" x 2.25"	2 N Alkaline	2 year
model	reticle	magnification	field of view	weight	dimensions	battery	warranty
Aimpoint	Red dot, 4 MOA	1x	40°	7.1 ounces	5.1" x 2.2" x 2.2"	3V Lith.	10 year

binoculars/goggles/monoculars


US NightVision



USNV-211 binocular

Built with high-performance coated glass optics and dual Generation I image intensifier tubes, the USNV-211 binocular offers true stereoscopic night vision capabilities in a lightweight and ergonomic design. The USNV-211 also includes an integral Infrared light source that provides long-range illumination in total darkness, such as in an enclosed room, etc. A professional quality night vision binocular, the USNV-211 offers enhanced performance and reliability in a single package. Ships with unit, carry case, manual and batteries.


US NightVision



USNV-2MV goggle

The most popular Generation 1 night vision goggle on the market, the rugged USNV-2MV offers true stereoscopic viewing in a dual-tube design. The patented optical system eliminates the need for interpupillary adjustment, thus reducing both size and weight.

Features include a high-power IR illuminator, fully adjustable headgear and multi-coated lenses. Optional 3X lenses allow the USNV-2MV to be converted into a binocular. See the night come alive and enjoy more time in the great outdoors. A night vision viewer is the perfect companion to any outdoor activity.


US NightVision



D-125 monocular

The D-125 is the newest addition to our affordable line of multi-u monoculars. This system incorporates a photocell that prevents the device from powering when exposed to light conditions too bright for night vision use. This compact scope features infrared illumination, simple user controls, and a fully adjustable head mount for hand-free viewing over either eye. Optional high powered lenses are available for long range viewing.


US NightVision



NG Mono Goggle

Equipped with a built-in turn-on-demand, a powerful infrared illuminator, this Generation I mono-goggle incorporates a 1x high-resolution f1.2 front objective that provides a wide field of view and sharp focusing. A semi-rigid, fully adjustable head mount is included. The headgear features a quick disconnect and flip-up mechanism that also allows for 360-degree unit rotation without removal from the harness. Optional accessories include a 3.2 x f1.7 front objective lens that can be easily installed in the field. Comes complete with carry case, manual and batteries.

S P E C I F I C A T I O N S

model	intensifier tube	magnification	field of view	weight	dimensions	battery	warranty
USNV 211	Technology: Photonis-DEP	3.2x	15 degrees	38.4 ounces	7.5" x 2.6" x 5.9"	3V Lith.	1 year
USNV-2MV	Technology: Photonis-DEP	1x	40 degrees	22.4 ounces	5" x 4.5" x 2.25"	3V Lith.	1 year
USNV D-125	Technology: Photonis-DEP	3.2x	15 degrees	38.4 ounces	7.5" x 2.6" x 5.9"	3V Lith.	1 year
NG Mono Goggle	Technology: Photonis-DEP	3.2x	15 degrees	38.4 ounces	7.5" x 2.6" x 5.9"	3V Lith.	1 year

accessories



USNV-14/PVS-7 compass



US flag glo-tape



helmet mount



tactical LED flashlight



accu-torque mounts



ESS low profile goggles



m69 mount



3x and 5x lenses



universal rail base for all weapon sights



USNV hats & t-shirts

US Night Vision carries a variety of accessories to compliment any night vision system. Please call us, or go online to our web site for more information, product details, and to purchase the products and accessories that we offer.

bulletproof clothing



USNV MICH SOH (Special Operations Helmet) MICH - (Modular/Integrated Communications Helmet)

US Night Vision Corp. is proud to introduce the USNV "MICH" Special Operations Helmet. Specifically developed to meet the rigorous demands of Military and Law Enforcement Tactical Teams, the USNV MICH SOH features a High Ballistic Rating while still being light weight and comfortable with it's low profile design.

Utilizing the latest technology in ballistic materials, the USNV MICH SOH Helmet was designed to exceed the rating of the current MICH by providing maximum Level 3A protection (44 Mag. 240 gr. at 1400 FPS) and optimizing comfort and usage for long periods of operation.



The USNV MICH SOH features include a fully adjustable four-way retention system and a seven pad suspension system that is removable for washing and custom adjustments. The reduced profile design also allows optimal peripheral vision and interface with tactical vests, ballistic goggles, night vision devices and communications gear. Available sizes include Medium and Large, and are shipped in a Matte Black Finish.



military tactical vest style #IA0018

Developed to offer optimum mobility and protection. Full side and Shoulder adjustment for perfect fit. Pockets are provided for front and rear 10" x 12" optional strike plates. Optional collar and groin protector are also available. Available in level 3A Protection.



concealable body armor male/female side style panel style #IA0011/#IA0020

The Side Panel Style offers full front, back and side protection. A "shirt tail" provides wearer with a comfortable fit. Every concealable vest comes with a free front strike plate, plus a free machine-washable outer carrier. Available in level 2A, 2, and 3A protection.



modular vest style #IA0016

Designed to accept various modular equipment pockets, this vest will accommodate right or left-handed personnel easily. Front and rear pockets accept optional 10" x 12" strike plates. The Modular Vest offers full upper torso protection with optional collar and groin protector. Overlapping front panels provide exceptional body protection. Available in level 3A protection.

B a l l i s t i c s R a t i n g s

Threat Level 2A

Velocity

Bullet Type	Barrel	FPS	MPS
.22 Mag 40-GR SP	6.5"	1180	360
12 Gage "00" Buck	18"		
9mm 147-GR Subsonic	5"	1050	19
9mm 147-Gr JHydraShok	5"	1050	319
9mm 124-Gr FMJ	4"	1090	332
9mm 115-Gr JHP	4"	1060	354
9mm 95-Gr JSP	4"	1250	381
9mm 100-Gr JHP	4"	1250	381
.38 Spl 125-GrSJHP+P	6"	1028	314
.38 Spl 125-GrLead+P	6"	1090	332
.38 Spl 110-GrJHP+P	6"	1235	377
.357 Mag 158-GrJSP	4"	1250	381
.357 Mag 158-Grlead	4"	1250	381
.357 Mag 158-GrleadSWC	4"	1253	382
10mm 200-Gr FJ-TC	5"	1075	327
10mm 170-Gr JHP	5"	1175	357
.41 Mag 210-Gr lead	8 3/8"	1080	329
.45 ACP 2300Gr FMJ	5"	810	247

Threat Level 2

Velocity

Bullet Type	Barrel	FPS	MPS
.22 Mag 40-GR SP	6.5"	1180	360
12 Gage "00" Buck	18"		
9mm 147-GR Subsonic	5"	1050	319
9mm 147-Gr JHydraShok	5"	1050	319
9mm Cavim-FMJ	4"	1110	339
9mm 115-Gr JHP	4"	1160	354
9mm 115-Gr Silvertip	5"	1170	355
9mm 124-Gr FMJ	5"	1175	358
9mm 95-Gr JSP	4"	1250	381
9mm 100-Gr JHP	4"	1250	381
.38 Spl 125-GrSJHP+P	6"	1028	314
.38 Spl 125-GrLead+P	6"	1090	332
.38 Spl 110-GrJHP+P	6"	1235	377
.357 Mag 158-GrJSP	4"	1250	381
.357 Mag 158-Grlead	4"	1250	381
.357 Mag 158-GrleadSWC	4"	1253	382
.357 Mag 158-Gr JSP	6"	1395	425
.357 Mag 158-Gr lead	8 3/8"	1410	430
.357 Mag 158-Gr JSP-Hor	6"	1445	441
.357 Mag 125-Gr JHP	4"	1450	442
.357 Mag 110-Gr JHP	4"	1550	473
10mm 200-Gr FJ-TC	5"	1075	327
10mm 170-Gr JHP	5"	1175	357
10mm 175-Gr Silvertip	5"	1225	372
.41 Mag 210-Gr lead	8 3/8"	1080	329
.41 Mag 210-Gr	4"	1300	397
.44 Mag 240-Gr JSP	4"	1180	360
.44 Mag 240-GrleadSWC	4"	1200	366
.45 ACP 2300Gr FMJ	5"	810	247

Threat Level 3A

Velocity

Bullet Type	Barrel	FPS	MPS
.22 Mag 40-GR SP	6.5"	1180	360
12 Gage "00" Buck	18"		
9mm 147-GR Subsonic	5"	1050	319
9mm 147-Gr JHydraShok	5"	1050	319
9mm Cavim-FMJ	4"	1110	339
9mm 115-Gr JHP	4"	1160	354
9mm 95-Gr JSP	4"	1250	381
9mm 100-Gr JHP	4"	1250	381
9mm 124-Gr FMJ	4"	1090	332
9mm 116-Gr Norma FMJ	4"	1150	351
9mm 115-Gr Silvertip	5"	1170	355
9mm 124-Gr FMJ	5"	1175	358
9mm 115-Gr FMJ Israeli	4"	1200	366
9mm 123-Gr Lapau FMJ	4"	1200	366
9mm 123-Gr GECO FMC	4"	1200	366
9mm 116-GRFMJ Musgrve	5"	1230	374
9mm 116-Gr CanadianFMJ	4"	1250	381
9mm 115-Gr JHP+P	5"	1345	408
9mm 124-Gr FMC	9.5"	1400	427
.38 Spl 125-GrSJHP+P	6"	1028	314
.38 Spl 125-GrLead+P	6"	1090	332
.38 Spl 110-GrJHP+P	6"	1235	377
.357 Mag 158-GrJSP	4"	1250	381
.357 Mag 158-Grlead	4"	1250	381
.357 Mag 158-GrleadSWC	4"	1253	382
.357 Mag 158-Gr JSP	6"	1395	425
.357 Mag 158-Gr lead	8 3/8"	1410	430
.357 Mag 158-Gr JSP-Hor	6"	1445	441
.357 Mag 125-Gr JHP	4"	1450	442
.357 Mag 110-Gr JHP	4"	1550	473
10mm 200-Gr FJ-TC	5"	1075	327
10mm 170-Gr JHP	5"	1175	357
10mm 175-Gr Silvertip	5"	1225	372
.41 Mag 210-Gr lead	8 3/8"	1080	329
.41 Mag 210-Gr	4"	1300	397
.44 Mag 240-Gr JSP	4"	1180	360
.44 Mag 240-GrleadSWC	4"	1200	366
.44 Mag 240-GrSWC	6"	1400	427
.45 ACP 2300Gr FMJ	5"	810	247

night vision course



tactical training

The majority of officer involved shootings occur during the hours of darkness. To safely respond to domestic dispute calls and serve warrants, you must be prepared to fight in the dark. US Night Vision has teamed up with Direct Measures International to offer cutting-edge training in the tactical use of night vision technology. We provide operators with effective skills to quickly and safely dominate close quarter confrontations in the low-light/darkness environment. The skills taught are all compatible with high-speed transitions to and from long guns/handguns and with the use of tactical illumination.

You will learn:

- Use of Night Vision devices and non visible light
- Engagement tactics for teams and partners
- Target isolation and weapons identification
- Low-light shooting and tactical illumination
- Negligent discharge avoidance and safety
- Engaging multiple and moving targets
- Communication in low-light conditions
- Stealth movement and vision control
- Tactical reload and stoppage drills
- Weapon transition and retention
- Shoot/No shoot decision making
- Shooting on the move



Sign up now to gain the best tactical advantage and to receive an instant discount on your next purchase of USNV technology.



DMI

**DIRECT MEASURES
INTERNATIONAL, INC.**

The New Security Standard™

RESTRICTED TO SELECT MILITARY / LAW ENFORCEMENT PERSONNEL

Toll Free 800.500.4020
www.usnightvision.com



Frequently Asked Questions

How Can I Purchase Equipment?

You can purchase your equipment by utilizing any of the various methods we provide you to simplify your ordering process. You can use the SECURE online ordering system as well as request online quotes, speak directly to a sales representative or fax in your request. Our website also offers an online night vision forum which is used by thousands of users every month to gather valuable information which can be useful in making the right purchase for your night vision needs.

What Payment Options Does US Night Vision Provide?

We currently offer the following methods of payment for ease of shopping and hassle-free order processing

Credit Card: Visa, Amex, Discover, MasterCard
(Secure Online or Offline)

Checks: Company, Personal, Cashier, Money Order
(Pre-Approval and Verification Required)

Terms: Net 5, Net 10, Net 15, Net 30 Days
(Must be Pre-Approved)

Our online shopping cart has the trusted SSL (Secured Sockets Layer) security of a Thawte Security Certificate which allows us to securely process information online via the HTTPS internet protocol. If you are a previous customer and have an online account, you can ALWAYS order securely online since all of your payment options are saved in your profile.

Can I Purchase Equipment From Outside The U.S.?

US Night Vision employs a qualified staff to assist you with your export requirements. Please call us and we will help you with the application and licensing process. Please be advised that the export of night vision is regulated by the Office of Munitions Control, US Department of State and is subject to the International Traffic in Arms Regulations (ITAR) and falls under the ITAR per title 22, Code of Federal Regulations (CFR), Parts 120-130. You can find out more information by clicking on the ITAR logo on our website or by contacting our Export Department. Any attempt to export Generation 2 or Generation 3 night vision without proper licensing is strictly prohibited.

What Type of Warranty Does US Night Vision Offer?

All US Night Vision equipment passes a strict quality control process for usability, durability and craftsmanship. US Night Vision will repair its products, due to manufacturer defects, free of charge during the warranty period. Product failure due to user neglect is not warranted.

Demo Program

US Night Vision offers a free trial demonstration to Law Enforcement, Government and Military Agencies. Ask a representative for more information on how to take advantage of this special program.

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US NightVision

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