

ARORA D-VISION™

Digital NIGHT VISION™

Not your Grandpa's night vision

Affordable quality night vision without the traditional problems inherent in the old green intensifier tubes. The D-Vision is unaffected by bright lights and can even be used in daylight. Try that with "grandpa's" night vision.

The D-Vision secret is in the advanced low-light digital technology that allows the sensor to read infrared and near infrared that is invisible to the human eye. A built-in array of infrared illuminators automatically assists in ultra-dark situations allowing you to see the unseen up to 600 feet. The high quality multi-element "C-mount" coated glass lens provides a 1.2x magnification. Other magnification lenses are readily available.

Pictures show actual size of the high-resolution monitor.



Simulated pictures



Note: The color model displays in black and white when in low light conditions.



Lens
Multi-element coated 1.2x magnification C-mount lens is standard. The lens mount allows for use of optional power lenses.

Infrared array
Infrared LEDs provide added illumination up to 600 feet. The LEDs may be turned off for daylight use.

Solid state electronics
The image sensor has an impressive 425 line resolution in total darkness. Contained within case is the digital enhancement technology, display and recharger control circuitry.

Battery pack.
12V 1800 MAH
The unit comes with a rechargeable Nickel Metal Hydride battery pack that may be recharged in the unit about 1000 times. This pack may be temporarily replaced in the field by eight off-the-shelf alkaline or lithium AA batteries.

Tough body
The durable composite case is ergonomically designed for ease of use and natural pointing. Tripod mountable. Built-in neck strap attachment points. Strap provided with unit. Weight with battery pack: 1.75 lbs. Dimensions without lens: 8.5" x 4.5" x 1.8"
Available in other colors.

Display.
3.5" diagonal high 500 line resolution TFT LED black and white display, or color display depending on the model. Performance specifications are approximately the same for both models. Note: The color model displays in black and white when in low light conditions.

Controls.
32-step brightness controls. Adjustable to suit ambient light conditions.

On/off
Power port
Power port for direct connection to either the supplied charger or 12V vehicle cable.

Video Out.
This feature allows the user to plug in direct to a video camera or VCR for real-time recording in low light conditions.

Viewing is via the large 3.5 inch high-definition LCD display that has been set at just the right angle. Every aspect has been ergonomically designed for comfort, ease of use and for extended viewing. It is natural to hold and point, and the controls instinctive to use. The slimline design makes for ease of carrying in pocket, backpack or simply slung round your neck on a lanyard. The internal rechargeable nickel-metal-hydride battery pack provides power for about two hours. The internal battery pack may be replaced in the field with eight off-the-shelf alkaline AA batteries. A direct plug-in cable for connection to a vehicle accessory socket is supplied. Specifications subject to change without notice.

NIGHT FORCE OPTIC TECHNOLOGY