TURNING NIGHT INTO DAY

NIGHT VISION • THERMAL IMAGING • TACTICAL FLASHLIGHTS • DAYTIME OPTICS

2011 INTERNATIONAL
BRINGING YOU THE FUTURE TODAY

ATN is a leading manufacturer of precision optics that includes Night Vision Systems, Thermal Imaging Devices, Day/Night Systems, Binoculars and Daytime scopes.

We live in an era of technological advancement and precision. Here at ATN, we strive to be the world leader in high quality optics and night vision devices. Our commitment toward customer service, innovative devices and low cost is central to our mission. ATN has built its reputation around these basic concepts and we plan to continue in this proud tradition.

We have recently moved to a new, larger and technologically advanced distribution and manufacturing facility which will allow us to offer our clients faster delivery, better quality assurance and a larger staff to help you with our products. We are also expanding our R&D department, which will bring new and innovative products and technologies to you. Our products have excelled due to our innovative designs, rugged durability and unparalleled optical performance; something that you have come to expect from ATN.

In the coming decade we expect to introduce some exciting new products which will revolutionize the industry once again. ATN offers one of the largest product lines of day optics and night vision devices which we plan to expand, giving you more choice and flexibility with our products. Our R&D department is introducing our “SMART” technology in more of our products with more innovative things to come. We will continue to offer first class Image Intensifier Tubes for our night vision devices in multiple generations and for every kind of need that the market demands. Once again, we will revolutionize the industry by leaps and bounds and add value to our products, while keeping the cost effectiveness that we are known for.

WHATEVER YOUR NEEDS, WHATEVER THE SHAPE, SIZE OR REQUIREMENTS: CHOOSE THE LEADER IN HIGH PERFORMANCE, PRECISION OPTICS – ATN CORP!
OUR MISSION

Our mission is to be a world leader in high performance day and night precision optics. The way we will accomplish our goal is to provide unwavering customer support, a commitment to excellence, and providing the best value for our customers. With over 100 models, and over 15 years of experience in producing precision optics, we offer the best service and most innovative products in the business. We combine value, selection experience, knowledge and customer service for unparalleled results.

CUSTOMER SATISFACTION AND TECHNICAL SERVICE

We are the manufacturer not a distributor and we pass the savings on to our customers. Do not be confused when you see some other brands that lack features and quality retailing for more money.

Most ATN weapon sights and Day/Night systems are packaged in Mil-Spec, foam-inlayed, watertight, unbreakable, airtight, corrosion proof, up to $150 retail value hard cases. Other models come with ballistic nylon carrying cases.

All of ATN products ship complete with detailed instruction manual, attractive retail gift boxes, all necessary hardware, and batteries are included with every unit.

Here at ATN we will not accept anything but 100% customer satisfaction. This is our commitment to you. We have a dedicated team of trained professionals that will help you determine the problem and guide you with any issue you might have with our products. If a satisfactory resolution can’t be reached over the phone, our service center will make sure the issue is analyzed properly and all necessary repairs are done right the first time.

In the unlikely event that one of our units will need to be serviced, our Warranty Repair Center in South San Francisco, CA will do the work in 72 hours or less in most of the cases.

You can visit us for the latest in news, support and product line by going to www.atncorp.com. Or by calling our Toll-Free Customer Service number 800-910-2862, where our friendly and knowledgeable team will help you answer any question.

EXPERT ADVICE

ATN has a dedicated team of trained professionals that are experts in our entire product line. They are dedicated in helping the end user with any problem they might have with the unit. From the simplest problem to the most complex, they will help you trouble shoot and give you expert advice on solving the issue quickly and efficiently. You won’t even have to waste time by sending the unit back for unnecessary repairs for something that can be fixed on site.

OPTICS

We use the purest grades of glass that comes almost exclusively from optical grade sands from the shores of the Black and Caspian Seas. This glass is undoubtedly the best available. Some of the famous German manufacturers are currently sourcing this raw, unpolished glass from ATN for limited production in the field of biometrics.

One of our clients informed us that he tested our lens surfaces with the latest laser measurement device and he was amazed to receive the highest results he has ever had. This came as no surprise to us, because we calculate our optical designs with the best computer software available today. Our R&D team includes engineers that receive education and experience in the US, Germany, Russia, Korea and Japan. We grind and polish our lenses on the same equipment that has produced some of the best satellite optics with tolerances exceeding .0001”.

To assure the best image quality and to eliminate distortion, all of our Front Lens Systems are at least six elements. We use high apertures and our proprietary IR multi-coating on each lens surface to allow maximum light transmission.

COMPONENTS AND CONSTRUCTION

• Although the optics play a critical role in overall quality of the Night Vision device, the heart of an NVD and the most important component is the Image Intensifier Tube (IIT). As one of the worlds largest consumers for IITs, we source and acquire the best and the latest available image intensification technologies from top US and European producers. From hand selected premium grade 1st Generation to 3rd Generation that would satisfy the most performance obsessed military clientele, ATN offers the best for your specific application.

• To guarantee the optimum performance of the Image Intensifier Tube we build our own power supplies. This is where the latest electronics transform into a myriad of features and outstanding reliability.

• Our attention to detail is especially apparent when it comes to construction. Materials range from titanium, aircraft quality aluminum alloys to hi-impact plastic composites. 1/8 MOA adjustments on our weapon scopes is an excellent example of what our CNC machines can do. We finish the job with O-rings, nitrogen purging and a hard exterior powder coating. This process makes our units virtually immune to all weather conditions.
ABOUT NIGHT VISION

SELECTION AND INNOVATION
• ATN manufactures the world’s largest selection of night vision devices. From 1st Generation to 3rd Generation, our line includes pocket scopes, monoculars, binoculars, bi-oculars, goggles, weapon sights, multi-application units and Day/Night systems - more than 100 different models overall. No matter what your need in a night vision device is, we have the scope for you.
• When you see night vision units with built-in Infrared Illuminators for total darkness capability, remember that ATN was one of the first to offer this feature that has now become an industry standard. All of our units are outfitted with an IR and some of the models come with the most powerful in the industry 450mW Long Range version. ATN was also the first to offer interchangeable lenses, optical doublers and remote controls for night vision devices. We now hold many Patents and our patent portfolio is expanding every year.
• Our R&D engineers are making sure that ATN is always on the cutting edge providing you with the latest in features and technology.

HOW STARLIGHT TECHNOLOGY WORKS
All Starlight technology Night Vision Devices consist of several main parts: an objective lens, an eyepiece, a power supply and an image intensifier tube (Photocathode Tube).

Night vision devices gather existing ambient light (starlight, moonlight or infra-red light) through the front lens. This light, which is made up of photons goes into a photocathode tube that changes the photons to electrons. The electrons are then amplified to a much greater number through an electrical and chemical process.

The electrons are then hurled against a phosphorus screen that changes the amplified electrons back into visible light that you see through the eyepiece. The image will now be a clear green-hued amplified re-creation of the scene you were observing.

HOW FAR YOU CAN SEE
There are many different variables that can affect the distance you can see with a Night Vision device. First, what are you trying to see? Are you looking for another boat on the water or are you looking for a rabbit in the woods? The larger the object the easier it is to see. Plus, are you trying to see details (what we call recognition range) or are you just trying to see if something is there? Maybe you will just see the movement, but won’t be able to determine 100% who or what it is. This is called “detection range”. A second variable is lighting conditions. The more ambient light you have (starlight, moonlight, and infrared light) the better and further you will be able to see. You can always see further on a night where the moon and stars are out, then if it is cloudy and overcast. We typically state that you can tell the difference between a male and a female or a dog and a deer at about 75 to 100 yards. However, if you were looking across an open field and there was a half moon out you could see a barn or a house 500 yards away. Remember, that the purpose of an NVD is to see in the dark not necessarily at a long distance like a binocular.

SMART DIGITAL TECHNOLOGY
Smart Digital Technology finally provides the user total control in the hi-tech industry of Night Vision. The Smart Series Night Vision scopes have been designed according to the latest computer technology. This technology consists of a computerized proximity sensor, digital controls and a long-range infrared illuminator.

Onboard computer systems identify the users intention of looking through the scope. When the scope is brought to the user’s eye, the scope automatically turns on. When removed from the eye the scope turns off (you must engage the proximity sensor for this feature to work). The user will never have to worry about turning his or her scope on or off. Smart series scopes automatically sense when they are no longer used and will shut off and enter their sleep mode.

All the controls and buttons are digital. Even if your batteries are low, don’t worry the Smart Series will let you know. Our MO-4 scope has a 3-button digital control panel that allows the user to easily engage the main power, Infra-red illuminator and the proximity sensor. Color coded LEDs let you know the mode of operation you are using.

The low battery indicator is another feature that is programmed into your “Smart” scope. If the batteries start losing voltage LED indicator will start to pulse, it is time to change your batteries.
ABOUT NIGHT VISION

NIGHT VISION DEVICES GENERATIONS

A Night Vision Device can be either a 1st, 2nd or 3rd generation unit. What this stands for is what type of image intensifier tube is used for that particular device; the image intensifier tube is the heart and soul of an NVD.

1st generation is currently the most popular type of night vision in the world. Utilizing the basic principles described earlier, a 1st generation unit will amplify the existing light several thousand times letting you clearly see in the dark. These units provide a bright and sharp image at a low cost, which is perfect, whether you are boating, observing wildlife, or providing security for your home. You may notice the following when you are looking through a 1st Gen. unit:

- A slight high-pitched whine when the unit is on.
- The image you see may be slightly blurry around the edges. This is known as Geometric Distortion.
- When you turn a 1st Gen. unit off it may glow green for some time.

Note: These are inherent characteristics of a 1st Gen. unit and are normal.

2nd generation is primarily used by law enforcement or for professional applications. This is because the cost of a 2nd Gen. unit is approximately $500.00 to $1000.00 more then a 1st Gen. The main difference between a 1st and a 2nd generation unit is the addition of a micro-channel plate, commonly referred to as a MCP. The MCP works as an electron amplifier and is placed directly behind the photocathode. The MCP consists of millions of short parallel glass tubes. When the electrons pass through these short tubes, thousands more electrons are released. This extra process allows 2nd generation units to amplify the light many times more than 1st generation giving you a brighter and sharper image.

CGT/HPT: The CGT/HPT types of Image Intensifier tubes are engineered for significantly enhanced performance over current 2nd generation IITs. They are Multi-Alkali compact 18mm format MCP Image Intensifiers. They have increased sensitivity, resolution, Signal-to-Noise Ratio (SNR), and the Modulation Transfer Function (MTF). These improvements produce an exceptional image clarity and brightness.

3rd generation By adding a sensitive chemical, gallium arsenide to the photocathode a brighter and sharper image has been achieved over 2nd generation units. An ion barrier film was also added to increase tube life. 3rd Gen. provides the user with good to excellent low light performance.

BLACK SPOTS ON THE SCREEN

As you look through a night vision device you may notice black spots on the screen. A NVD is similar to a television screen and attracts dust and dirt. Typically these spots can be cleaned. However, this may also be a spot in the tube itself. This is normal. Most tubes will have some spots in them. These black spots will not affect the performance or reliability of the night vision device.
### ABOUT NIGHT VISION

#### ATN IMAGE INTENSIFIER TUBES

Image Intensifier Tubes (IIT) are the core of any Night Vision device. Performance of an NVD is a direct result of the IIT quality. At ATN we offer the majority of our products with a wide array of IIT configurations to choose from. Image Intensifier performance is determined by two major parameters: Signal to Noise Ratio and Resolution. Here is a brief description of some of the types of IITs ATN uses. All of our IITs are of new production. We do not use used or refurbished IITs like some of our competitors.

| 2nd Gen + (2I) IIT | 2I IIT Features:  
|--------------------|------------------|
| ATNs standard 2nd generation tubes are high quality with exceptional brightness and resolution. Each tube has a micro channel plate, multi-alkaline photocathode with built-in power supply. | - Photo Cathode type: Multi-Alkali  
- Resolution from 40 to 45 lp/mm  
- Signal-to-Noise Ratio from 14 to 18  
- 5,000+ hour tube life |

| 2nd Gen + (2IA) IIT | 2IA IIT Features:  
|--------------------|------------------|
| ATNs 2nd generation + (2IA) tubes are high quality with exceptional brightness and resolution. Each tube has a micro channel plate, multi-alkaline photocathode with built-in power supply. The 2IA tubes are hand picked for additional performance with less cosmetics over the standard 2I IITs. | - Photo Cathode type: Multi-Alkali  
- Resolution from 40 to 50 lp/mm  
- Signal-to-Noise Ratio from 14 to 20  
- 5,000+ hour tube life |

| CGTI IIT | CGTI IIT Features:  
|---------|------------------|
| The CGTI type of Image Intensifier are engineered for significantly enhanced performance over current 2nd generation IITs. The CGTI IIT is a Multi-Alkali compact 18mm format MCP Image Intensifier. Highlights of the CGTI specifications are the typical SNR of 15-22 and a resolution of 45-54 lp/mm. CGTI IITs are sensitive in a wide spectral band and thus provide good contrast in all scene circumstances. | - Photo Cathode type: Multi-Alkali  
- Resolution from 45 to 54 lp/mm  
- Signal-to-Noise Ratio from 15 to 22  
- 10,000-hour tube life |

| HPTI FOM 1250 IIT | HPTI IIT Features:  
|-------------------|------------------|
| HPTI tubes are an upgrade of the CGT Generation tube. They are a Multi-Alkali compact 18mm format MCP Image Intensifier. The HPTI tube increases sensitivity, resolution, Signal-to-Noise Ratio (SNR), and the Modulation Transfer Function (MTF). These improvements produce an exceptional image clarity and brightness. Most HPTI specifications typically are equivalent or exceed standard 3rd generation. Highlights of the HPTI specifications are the typical SNR of 18-24 and resolution of 51-64 lp/mm. These tubes are designed to give optimal performance while being in compliance with the FOM 1250 requirement. State Department export license required. | - Photo Cathode type: Multi-Alkali  
- Resolution from 51 to 64 lp/mm  
- Signal-to-Noise Ratio from 18 to 24  
- 10,000-hour tube life |

| 3rd Gen FOM 1250 (3I) IIT | 3I IIT Features:  
|---------------------------|------------------|
| Our 3I FOM 1250 Tubes (3I) are designed to support international sales of 3rd generation equipment to friendly countries. They have a micro channel plate, GaAs photocathode, and a completely self-contained integral high-voltage power supply. These 3rd Generation tubes provide a combined increase in resolution, signal to noise and photosensitivity over tubes with a multi-alkali photocathode. Generation 3 is the standard for the USA military. These tubes are designed to give optimal performance while being in compliance with the FOM 1250 requirement. State Department export license required. | - Photo Cathode type: Gallium Arsenide  
- FOM: <1250  
- Resolution 51-64 lp/mm  
- Signal-to-Noise Ratio 18 to 24  
- 10,000-hour tube life |

| 3 Gen FOM 1600 (3N) IIT | 3N IIT Features:  
|------------------------|------------------|
| Our 3N FOM 1600 Tubes (3N) are designed to support international sales of 3rd generation equipment to NATO countries. They have a micro channel plate, GaAs photocathode, and a completely self-contained integral high-voltage power supply. These 3rd Generation tubes provide a combined increase in resolution, signal to noise and photosensitivity over tubes with a multi-alkali photocathode. Generation 3 is the standard for the USA military. These tubes are designed to give optimal performance while being in compliance with the FOM 1600 requirement. State Department export license required. | - Photo Cathode type: Gallium Arsenide  
- FOM: <1600  
- Resolution 64 lp/mm typical  
- Signal-to-Noise Ratio 22 Typical  
- 10,000-hour tube life |

Night Vision products are subject to one or more of the export control laws and regulations of the U.S. Government. Pending the model these products are under the control jurisdiction of either the US Department of State or the US Bureau of Industry and Security US Department of Commerce. Export without proper licensing or consent is strictly prohibited.
For years ATN has been the choice of top quality Night Vision Equipment for many Law Enforcement officers. On February 2002 American Technologies Network Co. was awarded a General Services Administration (GSA) Contract GS-07F-0169M. This contract allows effortless acquisition of the most advanced Night Vision devices out of ATN’s duty-proven line at GSA negotiated discounts.

**GSA Contract Information:**

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</tr>
<tr>
<td>Address:</td>
<td>1341 SAN MATEO AVE SOUTH SAN FRANCISCO, CA 94080</td>
</tr>
<tr>
<td>Phone:</td>
<td>(800) 910-2862, (650) 989-5100</td>
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<td>(650) 875-0129</td>
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ATN is proud to introduce its new line of Image Intensifier Tubes:

CGT - CUSTOM GRADE TUBES
HPT - HIGH PERFORMANCE TUBES
3I – 3rd Generation FOM 1250 TUBES

At ATN, we know that the performance and utility of a Night Vision Device (NVD) is directly due to its Image Intensifier Tube (IIT) performance. To meet the demands and expectations of our customers, we developed our new range of IITs.

Our Custom Grade Tubes (CGT) are ‘custom’ because that is what they are: Custom! Engineered for significantly enhanced performance over current 2nd generation IITs, our CGT tubes deliver the best performance to cost ratio in the marketplace. Export license may be required.

Our High Performance Tubes (HPT) are engineered for significantly enhanced performance over current 2nd generation IITs. Our HPT tubes deliver 3rd generation performance at a 2nd generation cost. State Department export license required.

Our 3I FOM 1250 Tubes (3I) are designed to support international sales of 3rd generation equipment to friendly countries. These tubes are designed to give optimal performance while being in compliance with the FOM 1250 requirement. State Department export license required.

IIT performance grades are defined by two major parameters: Signal to Noise Ratio (SNR) and Resolution. New production technology has resulted in improved performance specifications. Our CGT Image Intensifier Tubes have a Signal-to-Noise ratio of 15 to 22, with a Resolution of 45-54lp/mm. Our HPT Image Intensifier Tubes have a Signal-to-Noise ratio of 15 to 24, with a Resolution of 51-64lp/mm.

3I Image Intensifier Tubes have a Signal-to-Noise ratio of 18 to 24, with a Resolution of 51-64lp/mm.

ATN’s Tubes are fully compatible and interchangeable with ANVIS and PVS7 models available from competing manufacturers.

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I160 IITs are compatible with AN/PVS - 6, 9, 6015, MUM-14, NVM-14 and numerous commercial models.

N130 IITs are compatible with AN/PVS - 7, NVG-7 and numerous commercial models.

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Please contact an ATN Sales representative for further details and technical specifications for ATN brand IITs.
The ATN Night Spirit was designed to be a cost effective Night Vision Monocular without sacrificing night vision capability. The lightweight, yet rugged, ATN Night Spirit is perfect for outdoor enthusiasts, hunters, boaters, law enforcement, and private or corporate security uses. Multi-coated glass lenses aid the Image Intensifier Tube in providing the clearest and brightest image possible. ATN Total Darkness Technology with built-in illuminator ensures no conditions are too dark for effective nighttime use. The Night Spirit is an amazing combination of performance and price.

- Available with 2+ and CGT Image Intensifier Tubes
- Handheld monocular
- Multi-coated all-glass optics
- 3x Magnification
- Camera Adaptable
- Total Darkness Technology with built-in illuminator
- Water and fog resistant
- Limited Two-Year Warranty

The headgear of goggle kit secures the goggles to the user’s head for night viewing, and provides freehand support for use with a weapon, protective mask or other purposes. It is adjustable and cushioned.

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Magnification: 3X
FOV: 18°
Weight: 0.65 kg
Length: 210 mm
The popular Night Storm monocular night vision device is one of ATN’s top performing hand held monoculars. They are waterproof and come equipped with 3.5x magnification. Night Storm models are available in a wide array of image tube configurations, including our popular CGT model lines. ATN is committed to offering night vision performance across the full spectrum of night vision technology generations, which gives the customer great flexibility in choosing a Night Storm monocular that fits both budgetary and performance requirements. The Night Storm is considered one of the best monoculars on the market – both in terms of capability and cost effectiveness. Quality was ATN’s number one priority when designing the Night Storm.

- Waterproof
- Fast 3.5x objective lens
- Available IITs: 1+, 2+, and CGT
- Built to withstand the harshest of environments
- Ergonomically designed digital controls and shape
- Multi-coated glass optics
- Built-in Flood infrared illuminator
- Camera / camcorder adaptable
- Limited Two-Year Warranty

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The ATN MO4 Night Vision Monocular is one of the most advanced night vision units on the market. Equipped with ATN’s "SMART" technology the MO4 is packed with exclusive features. The proximity sensor is the feature that separates this unit from all others. Bring the MO4 up to your eyes and the unit automatically turns on! Take it down from the viewing position and it turns off. This “SMART” technology saves battery life, unit usage time and eliminates accidental times of the unit being left on. The MO4 Night Vision Monocular multi-purpose versatility is enhanced by having models available with a wide array of Image Intensifier Tube configurations for every budget. Combination of all of the above with an adjustable beam long range infra-red and digital power controls makes the MO4 ideal for almost any nighttime task.

- Available IITs: 1+, 2+, and CGT
- SMART Technology featuring Automatic on/off proximity sensor
- Easy to use digital controls
- Multi-coated all-glass optics
- Super fast 3x (1st gen) or 5x (2+ gen) objective lens
- Built-in adjustable beam Long Range infrared illuminator
- Water and fog resistant
- Camera adaptable
- Limited Two-Year Warranty

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The ATN NVM14 Multi-Purpose Night Vision Monocular is a high performance modular night vision device. The NVM14’s great flexibility makes it an ideal choice for use by elite units, military personnel conducting COB style operations, the tactical law enforcement teams operating in the urban or MOUT environment and by security-conscious civilians.

The ATN NVM14 multi-mission versatility is evident; it can be handheld, head-mounted, helmet-mounted, weapon mountable, and is compatible with most IR laser aiming/illuminating devices. The high performance ATN NVM14 mini-monocular enables walking, driving, weapon firing, short-range surveillance, map reading, vehicle maintenance, and administering first aid during nighttime operations.

The ATN NVM14 Multi-purpose Night Vision Monocular is also equipped with ATN’s Total Darkness Technology featuring a built-in infrared light-emitting source contributive to its maximum flexibility even when the available ambient light is minimal. The ATN NVM14 format can easily incorporate Gen 2+, CGT, HPT, and 3 Gen image intensifier tubes to efficiently fit in the budgets of both the police, military, search/rescue teams, private security agencies and the security-conscious civilians. The technologically advanced ATN NVM14 ensures tactical advantage for any military LE or civilian user operating at night.

Advanced features include:

With the features provided, the operator finds him/herself equipped with all the latest technological advantages. The NVM14 is the total night vision package for the modern nighttime operator:

- **Built-in IR Illuminator.** The built-in IR Illuminator with flood lens and with the IR indicator within the FOV for use in the total darkness.
- **Camera Adapter.** Provides nighttime photography or video-shooting capability (M37x0.75 and M52x0.75 connecting screw threads).
- **Automatic Brightness Control.** Even under unsteady brightness conditions, the Automatic Brightness Adjustment System always keeps the IIT brightness level constant.
- **Bright Light Cut-off System.** Bright Light Sensor for the conditions when too much light is detected by the system. The indicator warning light within the FOV. When the light source disappears, the unit will turns on automatically.
- **Dual Power Capability.** The Included Battery Adapter allows the NVM14 to accept either, the 123A Lithium or standard AA batteries.
- **Life Tracker System.** This patented feature lets you measure the hours of operation that have been used on the system.

### Specifications

- **Magnification:** 1x
- **FOV:** 40°
- **Weight:** 0.34 kg
- **Length:** 120 mm

### Night Vision Multi-Purpose Systems

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>MODEL DESCRIPTION</th>
<th>TUBE CONFIGURATION</th>
<th>EXPORT</th>
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<tbody>
<tr>
<td>NVMPAN142I</td>
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<td>2+ Gen. 40-45 lp/mm</td>
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<td>NVM14-2IA</td>
<td>2+ Gen. 40-50 lp/mm</td>
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<td>CGT 45-54 lp/mm</td>
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<td>NVM14-3N FOM 1600</td>
<td>3 FOM 1600 64 lp/mm</td>
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</table>
ATN NVM 14 MULTI-PURPOSE NIGHT VISION MONOCULAR FEATURES:

- Available IITs: 2+, CGT, HPT and 3 gen.
- Compact and rugged design
- Waterproof
- Head or helmet mountable for hands-free usage
- Weapon mountable
- Auto Brightness Control
- Bright Light Cut-off
- Total Darkness Technology with built-in infrared illuminator and flood lens

ACCESSORY PACKAGES FOR NVM14

<table>
<thead>
<tr>
<th>Package Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>ACMPAN14GK</td>
<td>Goggle Kit</td>
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<tr>
<td>ACMPAN14A1</td>
<td>Advanced Package 1</td>
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<td>ACMPAN14A2</td>
<td>Advanced Package 2</td>
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<td>ACMPAN14LS08</td>
<td>8x Lens</td>
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<tr>
<td>ACMPAN14CA</td>
<td>Camera Adapter</td>
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<tr>
<td>ACMPAN14LB3</td>
<td>3x Bi-ocular kit</td>
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<td>ACMPAN14K05</td>
<td>5x Bi-ocular kit</td>
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<tr>
<td>ACMPAN14FD0</td>
<td>Dual Bridges</td>
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<tr>
<td>ACMPAN14FTD</td>
<td>Scope Adapter Mount</td>
</tr>
<tr>
<td>ACMPAN14HMNT</td>
<td>Universal Helmet Mount Kit</td>
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<tr>
<td>ACMPAN14HMM</td>
<td>MICH Helmet Mount Kit</td>
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<tr>
<td>ACMPAN14HMP</td>
<td>PAGST Helmet Mount Kit</td>
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<td>ACM14IR5SB4</td>
<td>IR450-84</td>
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<tr>
<td>ACMPAN14LTS</td>
<td>Life Tracker System</td>
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</table>

The NVM14 Basic Kit includes:

- Multi-Use Night Vision Monocular
- Lens Cap
- Eyecup
- Soft Carrying Case
- Operator’s Manual
- Battery CR123A Lithium
- Battery Adapter
- Neck Cord

DUAL BRIDGE
Bridge to connect two units providing dual eye goggle system.

FLIP-UP HEAD MOUNT ASSEMBLY
Comfortable, easy-to-adjust head mount. Automatic power-off in up position.

FLIP-UP HELMET MOUNT
Flip-Up helmet mount. Automatic power-off in up position. Fits most standard helmets.

WEAPON MOUNT ADAPTER
For use in conjunction with daytime optics to provide a Day/Night solution.

CAMERA ADAPTER
Provides nighttime photography capability.

MAGNIFIERS
Optional 3x, 5x and 8x lenses available to increase system range.

BUILT-IN IR ILLUMINATOR
Built-in IR Illuminator with flood lens for total darkness usage with indicator ON light within the FOV.

LIFE TRACKER SYSTEM
This patented feature lets you measure the hours of operation that have been used on the system.

AUTOMATIC BRIGHTNESS CONTROL
Bright light cut-off sensor for conditions when too much light is detected. Indicator warning light in FOV. When source of light disappears, unit turns on automatically.

Limited two-year warranty

ATN NVM 14 FEATURES:

- Compatible with most IR lasers
- Adaptable for use with cameras
- Ergonomic, simple, easy-to-operate controls
- Utilizes either a 123A Lithium battery or an AA Alkaline. Battery Adapter included
- 60 hours battery life
- Optionally available patented Life Tracker System for measuring hours of operation
- Limited two-year warranty

1341 San Mateo Ave, South San Francisco, CA 94080. Tel: 800-910-2862, 650-989-5100, fax: 650-875-0129
E-mail: sales@atncorp.com, lesales@atncorp.com, info@atncorp.com
The PVS14/6015 Basic Kit Includes:

- Head Mount Assembly - Allows hands-free operation.
- Brow Pad - Changeable pad for secure head mount fit.
- Helmet/Head Mount Adapter - Allows the user to position the monocular in front of either eye.
- Eye Cup - Prevents the emission of stray light or facial reflections.
- Soft Carrying Case - Provides convenient storage of PVS-14/6015 and accessories.
- Shoulder Strap - Attaches to the PVS-14/6015 carrying case for easy portability.
- Lens Paper - Used for easy cleaning of the objective and eyepiece glass surfaces.
- Day Light Filter - Filters excessive light. Protects objective lens from the elements.
- Diopter Lens Cap - Protects diopter lens from the elements.
- Operator's Manual - Instructional user's guide.

The ATNs PVS-14/6015 are rugged, lightweight and versatile night vision monoculars, designed for the most demanding of nighttime applications. The PVS-14/6015 can be handheld, head/helmet-mounted for hands-free usage or adapted to cameras/camcord- ers. Originally designed for the U.S. military, these units are of the highest quality in optics, design and functionality. They are available with various image intensifier tube configurations to meet a wide array of specification requirements. The ATN PVS-14/6015 is an outstanding choice for professional night vision applications. The PVS-14 model has a Variable Gain Control to manually adjust the IIT brightness.

### Included Accessories

- Helmet Mount Assembly
- Brow Pad
- Soft Carrying Case
- Shoulder Strap
- Lens Paper
- Day Light Filter
- Diopter Lens Cap
- Operator’s Manual
- Multi-Purpose unit
- Handheld monocular
- Hands-free goggle (optional helmet mount)
- Nighttime photography (with use of optional camera adapter)
- Mil-Spec headgear
- PVS14: Manual Variable Gain Control
- Limited Two-Year Warranty

### Accessory Packages for ATN 6015 and PVS14

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Tube Configuration</th>
<th>Export</th>
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<tbody>
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<td>MICH Helmet Mount Assembly USA</td>
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<tr>
<td>ACMUHMNTPAGS</td>
<td>PAGST Helmet Mount Assembly USA</td>
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<td>ACMPPVSXLM3A</td>
<td>3x Mil-Spec Magnifier Lens</td>
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<td>ACMPPVSXLM5A</td>
<td>5x Mil-Spec Magnifier Lens</td>
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<td>ACCSHS1610</td>
<td>SKB Mil-Standard Hard case - 1610</td>
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<tr>
<td>ACMPPVSXWM01</td>
<td>Weapon Mount (PVS14/6015)</td>
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### Specifications

- **Magnification:** 1X
- **FOV:** 40°
- **Weight:** 0.3 kg
- **Length:** 114 mm

### Item Description

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</table>
If you want the best technologically advanced 1st Gen. pair of Night Vision binoculars available, look no further. We present you with the ATN Night Scout, “Smart” binoculars. These binoculars come with a pair of high resolution 1st Gen. image intensifier tubes, which provide you with a very sharp and bright image. The computerized proximity sensor, once activated, turns the unit on when in viewing position and off when not. The heavy-coated 90mm glass lenses provide optimum clarity and distance.

- Outfitted with ATN exclusive Smart features
- Powerful 5x magnification
- Automatic on/off proximity sensor
- High resolution Gen 1+ image intensifier tubes
- Multi-coated all-glass optics
- Long Range infrared illuminator
- Water and fog resistant
- Limited Two-Year Warranty

### NIGHT VISION BINOCULAR

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<td>Night Scout</td>
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Night Vision products are subject to one or more of the export control laws and regulations of the U.S. Government. Pending the model these products are under the control jurisdiction of either the US Department of State or the US Bureau of Industry and Security US Department of Commerce. Export without proper licensing or consent is strictly prohibited.
The Voyager by ATN is a medium to long range night vision bi-ocular. The Voyager combines a high quality image intensifier tube with a two eyepieces that lets the user comfortably look through the Voyager with both eyes. The Voyager comes standard with all of our proprietary “Smart” features such as digital controls, detachable IR 450 infra red illuminator and a proximity sensor that automatically turns the unit on or off.

- Available IITs: 2+, CGT, HPT and 3 gen.
- 3x/5x magnification
- SMART features and easy-to-use digital controls
- Super fast, Multi-coated, all-glass optics
- Dual eye viewing system for long viewing sessions
- Detachable Long Range infrared illuminator
- Rugged and versatile design
- Water and fog resistance
- Tripod mountable
- Limited Two-Year Warranty

<table>
<thead>
<tr>
<th>Voyager 3X /5X</th>
<th>Magnification</th>
<th>FOV</th>
<th>Weight</th>
<th>Length</th>
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<tr>
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<td>1 kg</td>
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<tr>
<td>Voyager 5X</td>
<td>5X</td>
<td>9.5°</td>
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</table>

The Night Raven is a rugged and lightweight night vision binocular. If quality and performance at a great price is what you are looking for in a Night Vision Device then the ATN Night Raven is the system for you.

The Night raven utilizes a pair of high resolution, brand new production Multi-alkali image Intensifier Tubes. The ATN Night Raven has one of the brightest and sharpest images available. A built-in Illuminator allows you to see clearly even in total darkness. Combine this with all-glass optics specially coated to absorb light and the ATN Night Raven is an excellent pair of binoculars. The Night Raven is an amazing combination of performance, and price.

- Available IITs: 2+ and CGT
- Dual tube binocular system
- Handheld binocular
- Multi-coated all-glass optics
- New rugged design
- Water and fog resistant
- 3x Magnification
- Total Darkness Technology with built-in illuminator
- Limited Two-Year Warranty

<table>
<thead>
<tr>
<th>Night Raven</th>
<th>Magnification</th>
<th>FOV</th>
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<td>3X</td>
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### Item No. | Model Description | Tube Configuration | Export |
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<td>2+ Gen. 40-50 lp/mm</td>
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<td>3 FOM 1250 51-64 lp/mm</td>
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<td>2+ Gen. 40-50 lp/mm</td>
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### Item No. | Model Description | Tube Configuration | Export |
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<td>Night Raven-CGTI</td>
<td>CGT 45-54 lp/mm</td>
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</table>

The Voyager 3X /5X combines a high quality image intensifier tube with a two eyepieces that lets the user comfortably look through the Voyager with both eyes. The Voyager comes standard with all of our proprietary “Smart” features such as digital controls, detachable IR 450 infra red illuminator and a proximity sensor that automatically turns the unit on or off.
For today’s budget conscious outdoor enthusiast this system is unparalleled in its performance, versatility and cost effectiveness. This system comes with all necessary headgear attachments making this a true hands-free unit that is lightweight and compact. Giving you the most bang for your buck!

Geared toward the civilian market this true hands-free goggle system gives that weekend warrior in your life the fun that s/he craves without spending a fortune, with all the features that you come to expect from ATN. High quality optics combined with the best Image Intensifier Tubes all at a great price is what we are known for.

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>MODEL DESCRIPTION</th>
<th>TUBE CONFIGURATION</th>
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<tr>
<td>NVG0NCX110</td>
<td>Night Cougar XT</td>
<td>1+ Gen. 40 lp/mm</td>
<td>Dual-Use</td>
</tr>
</tbody>
</table>
NVG-7

Lightweight, rugged and a top notch performer the NVG-7 is an exceptional choice for hands-free usage. High-resolution image intensifier, auto-brightness, and bright source shut-off. NVG-7 goggles also have a build-in IR for total darkness with indicator ON light within the FOV and flip. One CR123A, case and manual are included. ATN NVG-7 is an excellent choice for hands-free night vision applications.

- 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
- Optional 3x, 5x and 8x lenses available
- Water and fog resistant
- Limited Two-Year Warranty

STANDARD ACCESSORIES INCLUDES:
- Flip-up Head Mount Assembly - Allows hands-free operation
- Brow Pads - Changeable pads for secure head mount fit
- Eye Cups - Prevents the emission of stray light or facial reflections
- Soft Carrying Case - Provides convenient storage
- Shoulder Strap - Attached to the NVG-7 carrying case for easy portability
- Microfiber Lens Cleaning Cloth - Used to clean the objective and eyepiece glass surfaces safely
- Day Light Filter - Filters excessive light. Protects objective lens from the elements
- Operator’s Manual - Instructional user’s guide
- Batteries - One (1) 3V Lithium CR123A or one (1) 1.5V AA type.

ACCESSORIES FOR ATN NVG7

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<td>3 FOM 1600 84 lp/mm</td>
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MAGNIFICATION: 1X
FOV: 40°
WEIGHT: 0.5 kg
LENGTH: 160 mm
ATN PVS-7 is a full robust, dependable, high performance night vision goggle. This model is identical to AN/PVS-7 model adopted as a standard issue to US Army ground troops and designed to assist viewing and provide reliable service in the most unfavorable conditions. The ATN PVS-7 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 ATN PVS-7 comes complete with a lightweight, fully adjustable military head mount that allows for comfortable long-term use. Full U.S. Mil Spec body with goggle assembly, soft carrying case, demist shield, sacrificial filter for objective lenses and shoulder strap, head mount assembly with 3 brow pads, lens tissue, neck cord and front lens cap.

STANDARD ACCESSORIES INCLUDES:
- Head Mount Assembly - Allows hands-free operation
- Medium & Thick Brow Pads - Changeable pads for secure head mount fit
- Eye Cups - Prevents the emission of stray light or facial reflections
- Soft Carrying Case - Provides convenient storage
- Shoulder Strap - Attached to the PVS-7 carrying case for easy portability
- Lens Paper - Used to clean the objective and eyepiece glass surfaces safely
- Day Light Filter - Filters excessive light. Protects objective lens from the elements
- Sacrificial Window - Shields the optics from sand, air particles, or anything that may scratch the lens
- Demist Shields - Snaps onto the eyepiece to prevent condensation from forming on the optics
- Operator’s Manual - Instructional user’s guide
- Batteries - Two (2) AA

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The PS-15 is a compact, lightweight dual night vision goggle system. It utilizes two high performance image intensifier tubes to provide extremely clear and crisp images under the darkest conditions. This dual tube design provides increased depth perception and outstanding clarity. A built-in IR lets the user easily read a map and function in a total darkness environment.

Available in a wide array of image intensifier tube configurations the PS-15 is designed to handle every budget and mission requirement. The PS-15 is the high performance choice!

- Dual goggle/binocular
- Hands-Free use
- Comfortable flip-up headgear
- Lightweight, Compact
- Depth Perception
- Available IITs: 2+, CGT, HPT and 3 gen.
- Optional 3x Afocal lenses to make into a binocular
- Waterproof
- Limited Two-Year Warranty

### Accessories for ATN PS15

<table>
<thead>
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<td>NVGOPS15III</td>
<td>PS15-3III FOM 1600 3 FOM 1600 64 lp/mm Govt sales only</td>
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<td></td>
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</tbody>
</table>

### Magnification: 1X

- **FOV:** 40°
- **Weight:** 0.7 kg
- **Length:** 150 mm
Our all-time best-selling Aries MK series Night Vision weapon sights have a well-earned reputation as some of the best 1st generation night vision scopes on the market. Improved optical configurations that lower the F-stop factor and increase resolution combined with an abundance of options such as: precision “red on green” aiming system, easy push-button operation, reticle brightness adjustment and our powerful, detachable 450mW Infrared Illuminator make these units the best 1st gen rifle scopes available.

- Powerful multi-coated all-glass optics
- High resolution Gen 1+ Image Intensifier tube
- Easy-to-see “Red on green” reticle system
- Reticle brightness adjustment
- Detachable Long Range infrared illuminator
- Water and fog resistant
- Limited Two-Year Warranty

---

### NIGHT VISION WEAPON SIGHTS

#### MK350, MK390, MK410

<table>
<thead>
<tr>
<th>Model</th>
<th>Magnification</th>
<th>FOV</th>
<th>Weight</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>MK350 Guardian</td>
<td>2.5X</td>
<td>15°</td>
<td>1.3 kg</td>
<td>275 mm</td>
</tr>
<tr>
<td>MK390 Paladin</td>
<td>4X</td>
<td>12°</td>
<td>1.45 kg</td>
<td>275 mm</td>
</tr>
<tr>
<td>MK410 Spartan</td>
<td>5X</td>
<td>10°</td>
<td>1.68 kg</td>
<td>275 mm</td>
</tr>
</tbody>
</table>

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### CAMERA ADAPTER

#### ACWSLRADPT

**Included**

- IR450

---

### NIGHT VISION WEAPON SIGHT

#### MODEL DESCRIPTION

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>MODEL DESCRIPTION</th>
<th>TUBE CONFIGURATION</th>
<th>EXPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>NVWSM35010</td>
<td>MK350 Guardian No hard case</td>
<td>1+ Gen. 40 lp/mm</td>
<td>Dual-Use</td>
</tr>
<tr>
<td>NVWSM39010</td>
<td>MK390 Paladin No hard case</td>
<td>1+ Gen. 40 lp/mm</td>
<td>Dual-Use</td>
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<tr>
<td>NVWSM41010</td>
<td>MK410 Spartan No hard case</td>
<td>1+ Gen. 40 lp/mm</td>
<td>Dual-Use</td>
</tr>
<tr>
<td>ACWSLRADPT</td>
<td>Long Rail Adapter</td>
<td>Dual-Use</td>
<td></td>
</tr>
</tbody>
</table>

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1341 San Mateo Ave, South San Francisco, CA 94080. Tel: 800-910-2862, 650-989-5100, fax: 650-875-0129
e-mail: sales@atncorp.com, lesales@atncorp.com, info@atncorp.com
The ATN Night Arrow line are rugged night vision weapon sights that provide excellent scene observation, target acquisition and aiming capabilities for the demanding sports shooter or varmint hunter.

The Night Arrow is available in a variety of Image Intensifier Tube configurations to fit into a wide array of budgets.

Great optics, quality image tubes, outstanding performance at the most affordable prices for 2nd generation weapon sights available make the ATN Night Arrows the best commercial night vision weapon sight line available.

- Available in 2x, 4x or 6x magnification
- Light and compact design
- Top-notch performance
- All external surfaces are a non-reflective matte black finish (except for the optical elements)
- “RED ON GREEN” reticle system with 1/6 MOA adjustment
- Automatic brightness control(ABC) for tube protection
- One-knob operation
- Illuminated center red reticle for optimal contrast against a dark or light target
- Mounts to standard weaver rails
- Night Arrow is designed to use 1 AA type battery
- Limited Two-Year Warranty

### NIGHT ARROW 2

- Magnification: 2X
- FOV: 17°
- Weight: 1.1 kg
- Length: 225 mm

### NIGHT ARROW 4

- Magnification: 4X
- FOV: 7.5°
- Weight: 1.4 kg
- Length: 280 mm

### NIGHT ARROW 6

- Magnification: 6X
- FOV: 5°
- Weight: 1.7 kg
- Length: 335 mm

### ITEM NO. MODEL DESCRIPTION TUBE CONFIGURATION EXPORT

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>MODEL DESCRIPTION</th>
<th>TUBE CONFIGURATION</th>
<th>EXPORT</th>
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<tbody>
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<td>Night Arrow2-2I</td>
<td>2+ Gen. 40-45 lp/mm</td>
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<tr>
<td>NVWSNAR22J</td>
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<td>2+ Gen. 40-50 lp/mm</td>
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<tr>
<td>NVWSNAR2CI</td>
<td>Night Arrow2-CGTI</td>
<td>CGT 45-54 lp/mm</td>
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<td>Night Arrow4-2I</td>
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<tr>
<td>NVWSNAR6CI</td>
<td>Night Arrow6-CGTI</td>
<td>CGT 45-54 lp/mm</td>
<td>Dual-Use</td>
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</table>
ATN MARS Series NV riflescopes represent the absolute latest in the world of night vision equipment. Similar to all ATN scopes the ATN MARS features only the purest grades of heavy glass and computer-aided optical designs to create multi-element, high-speed, multi-coated lenses for ultra-fast light transmission and resolution beyond current military standards. All optical lenses on the MARS scopes are individually fitted and calibrated to achieve optimum performance.

The ATN MARS uses the highest quality MX10160 type hand-selected image intensifier tubes (IIT) based on the latest night vision technologies. A wide array of IIT configurations are available to choose from to satisfy various requirements and specifications.

Compact, lightweight and rugged one-piece construction is CNC milled from solid aerospace-quality aluminium billet and fitted with titanium inserts. The ATN MARS gives the weapon operator 50% more (45mm!) of eye relief than Raptor (4X and 6X) and ITT F7001 (A) and offers superior performance over other manufacturer’s models in regard to step of windage and elevation precision as well as in other characteristics and features.

ATN MARS is the only night vision scope with new ATN proprietary feature – Two-Color Manual Brightness control of the aiming reticle. This feature allows for a choice of color (red or amber) of the projected reticle depending on operator’s preference and tactical situation.

- Powerful 2.5X, 4x, 6x magnification
- Available IITs: 2+, CGT, HPT and 3 gen.
- Superior quality Multi-coated all-glass optics
- Precision windage and elevation adjustments
- Tactical digital remote control
- WaterProof
- Included mount for Picatinny or 7/8” Weaver-style rail
- Unit accepts either, (1) 3V CR123A or (1) AA battery
- Nitrogen-purged for resistance to internal fogging
- Free Mil-spec hard case included
- Limited Two-Year Warranty

### Night Vision Weapon Sight

#### MARS 2
- Magnification: 2.5X
- FOV: 14°
- Weight: 1.1 kg
- Length: 215 mm

#### MARS 4
- Magnification: 4X
- FOV: 9°
- Weight: 1.3 kg
- Length: 235 mm

#### MARS 6
- Magnification: 6X
- FOV: 6°
- Weight: 1.55 kg
- Length: 295 mm

#### ATN MARS Series NV riflescopes

- **item no.**
- **model description**
- **tube configuration**
- **export**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>MODEL DESCRIPTION</th>
<th>TUBE CONFIGURATION</th>
<th>EXPORT</th>
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<tbody>
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<td>NVWSMRS2I</td>
<td>MARS2x-2I</td>
<td>2+ Gen., 40-45 lp/mm</td>
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<tr>
<td>NVWSMRS3H</td>
<td>MARS3x-HPTI FOM 1250</td>
<td>HPT FOM 1250 51-64 lp/mm</td>
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<td>3 FOM 1600 64 lp/mm</td>
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<td>3 FOM 1600 64 lp/mm</td>
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Night Vision products are subject to one or more of the export control laws and regulations of the U.S. Government. Pending the model these products are under the control jurisdiction of either the US Department of State or the US Bureau of Industry and Security US Department of Commerce. Export without proper licensing or consent is strictly prohibited.
Magnification: 1X
FOV: 13°
Weight: 0.64 kg
Length: 150 mm

PS22

Representing the latest advancement in Night Vision optics, the ATN PS22 gives your
daytime scope Night Vision capability in a matter of seconds.
The ATN PS22 mounts in front of a daytime scope to enable nighttime operation. No
shift of impact, no need to rezero nor change of eye relief occurs. The ATN PS22 uses
the latest in intensifier tube technology for outstanding resolution and performance.

Precision optical alignment is essential for a front sight system to work properly.
This is why each ATN PS22 is individually tested and aligned on an optical scale by our
engineers to provide perfect alignment.
The ATN PS22 is one of the most compact and lightweight NV systems in its class,
at only 640 grams.

Available with 2+, CGT, HPT or 3rd generation image intensifier tube
Easily changes daytime scope to Night Vision
Mounts in front of the daytime scope, no re-zeroing required
Multi-coated all-glass optics
Fast catadioptric front lens system
Large 21 mm output window
Lightweight and rugged
Comes with Quick Release Mount
Optional 7/8” weaver mount
Optional Scope Mounting System attaches the PS22 unit to the
objective of the day scope (25…62 mm diameter)
Automatic brightness control
Resistance to severe conditions
Up to 50 hours of continuous operation with one Lithium battery

Day/Night System

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>MODEL DESCRIPTION</th>
<th>TUBE CONFIGURATION</th>
<th>EXPORT</th>
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Accessory Packages for ATN PS22

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<th>MODEL DESCRIPTION</th>
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<tbody>
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<td>Scope Mounting System #1 (25.4; 30mm)</td>
</tr>
<tr>
<td>ACDNPS22SM02</td>
<td>Scope Mounting System #2 (38; 42mm)</td>
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<tr>
<td>ACDNPS22SM03</td>
<td>Scope Mounting System #3 (42; 46.7; 49; 49.5; 50mm)</td>
</tr>
<tr>
<td>ACDNPS22SM04</td>
<td>Scope Mounting System #4 (56; 57; 58.7mm)</td>
</tr>
<tr>
<td>ACDNPS22SM05</td>
<td>Scope Mounting System #5 (42; 46.7mm)</td>
</tr>
<tr>
<td>ACDNPS22SM06</td>
<td>Scope Mounting System #6 (62mm)</td>
</tr>
<tr>
<td>ACDNPS22SM07</td>
<td>Quick Release Mount</td>
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<tr>
<td>ACDNPS22SM08</td>
<td>Platform Ring</td>
</tr>
<tr>
<td>ACPS22ADPT</td>
<td>Long Rail Adapter</td>
</tr>
</tbody>
</table>

Basic Kit Includes:

- ATN PS22 Night Vision Front Sight
- Front Lens Cap
- Back Cap
- Light Suppressor
- Remote Control
- Picatinny Quick Release Mount
- Picatinny Rail
- IR Illuminator IR450
- Lithium Battery CR123A
- Shipping/Storage Case
- Operator’s Manual

D A Y / N I G H T S Y S T E M S
The PS22 Day/Night Tactical Kit w/ Leupold® is the ultimate sportsman’s dream. This package combines the ATN PS22 with one of the best names in the Daytime Optical arena, Leupold®. The PS22 is packaged with a Leupold® Reticle Riflescope. Every component of your Leupold® variable power Riflescope is working together to help you make every shot count, whether you’re at the range, hunting, or in a tactical environment. This complete Day/Night System is the ultimate solution for your 24/7 shooting needs.

<table>
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<td>2+ Gen. 40-45 lp/mm</td>
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<td>CGT 45-54 lp/mm</td>
<td>Dual-Use</td>
</tr>
</tbody>
</table>

**TACTICAL KIT INCLUDES:**
- ATN PS-22 NV Front Sight
- Leupold Mark 4 3.5-10x40 mm
- Mil Spec. Hard Case
- Soft carrying Case
- Front Lens Cap
- Back Cap
- Remote Control
- IR illuminator IR450
- Scope Mounting System
- Leupold Mounting Rings ∅30mm
- Platform Ring
- Lithium Batteries
Representing the latest advancement in Night Vision Optics, the ATN PS40 gives your Daytime Scope Night Vision capability in a matter of seconds. The ATN PS40 mounts in front of a Daytime Scope to enable nighttime operation. No shift of impact, no need to rezero nor change of eye relief occurs. The ATN PS40 uses the latest in image intensifier tube technology for outstanding resolution and performance.

Precision optical alignment is essential for a Front Sight System to work properly. This is why each ATN PS40 is individually tested and aligned on an optical scale by our engineers to provide perfect alignment. The ATN PS40 is one of the most compact and lightweight NV systems in its class, at only 840 grams.

- EASILY CHANGES DAYTIME SCOPE TO NIGHT VISION
- MOUNTS IN FRONT OF DAYTIME SCOPE, NO RE-ZEROING REQUIRED
- MULTI-COATED ALL-GLASS OPTICS
- FAST CATADIOPTIC FRONT LENS SYSTEM
- EQUIPPED WITH REMOTE CONTROL
- POWERED BY A SINGLE ALKALINE AA OR 123A LITHIUM BATTERY
- BATTERY LIFE CHECK SYSTEM
- LARGE 40 MM EYEPIECE/OUTPUT WINDOW
- INCLUDED QUICK RELEASE MOUNT
- OPTIONAL SCOPE MOUNTING SYSTEM FOR COUPLING TO THE OBJECTIVE OF THE DAY SCOPE (47...58.7 MM DIAMETER)
- AUTOMATIC BRIGHTNESS CONTROL
- BRIGHT LIGHT CUT-OFF SYSTEM
- RESISTANCE TO SEVERE CONDITIONS
- LIMITED TWO-YEAR WARRANTY

<table>
<thead>
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<tbody>
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ACCESSORY PACKAGES FOR ATN PS40

- ACDNP40MMVR Weaver Mount
- ACDNP40SM01 Scope Mounting System #1 (47; 48; 49; 49.5; 50 mm)
- ACDNP40SM02 Scope Mounting System #2 (56; 57; 58.7 mm)
- ACDNP40BM01 B.A.M. System
- ACWSRTRA Platform Ring
- ACWSLRAADPT Long Rail Adapter

BASIC KIT INCLUDES:

- ATN PS40 NV Front Sight
- Objective Lens Cap
- Light Suppressor
- Remote Control
- Quick Release Mount
- Infrared Illuminator IR450


SCOPE MOUNTING SYSTEM

7/8” WEAVER MOUNT

B.A.M. SYSTEM

PLATFORM RING WITH PICATINNY RAIL

D A Y / N I G H T S Y S T E M S

PS40

D A Y / N I G H T S Y S T E M S
The PS40 Day/Night Tactical Kit w/ Leupold® is the ultimate sportsman’s dream. This package combines the ATN PS40 with one of the best names in the Daytime Optical arena, Leupold®.

The PS40 is packaged with a Leupold® Reticle Riflescope. Every component of your Leupold® variable power Riflescope is working together to help you make every shot count, whether you’re at the range, hunting or in a tactical environment. This complete Day/Night System is the ultimate solution for your 24/7 shooting needs.

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<td>CGT 45-54 lp/mm</td>
<td>Dual-Use</td>
</tr>
</tbody>
</table>

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The OTS-10 sets the standard for affordable, small, lightweight thermal imaging cameras. It is pocket-sized, rugged and durable. It is built around state-of-the-art uncooled thermal imaging technology. It offers superior performance, compact size, comfort of wear and cost efficiency which makes it the perfect thermal imaging device.

The ATN OTS-10 is ideal for home security, public safety, first responder and security operations.

- High resolution digital thermal imaging
- Compact, light weight and durable housing
- High Quality optics
- Video output
- Two Image/Video modes (Black/White and Color)
- Digital zoom
- Power input capability
- One-Year Warranty

**Basic Kit:**
- OTS-10
- Soft carry case
- Batteries
- RCA Video/power adapter
- Manual

---

**Specifications:**

- **Magnification:** 1.2X
- **Detection range:** 475 m
- **FOV:** 11x8°
- **Resolution:** 160x120
- **Weight:** 0.34 kg
- **Length:** 118 mm

---

**Item No.** | **Model Description** | **Export**
--- | --- | ---
TIMPOTS10CHR9 | OTS-10 Color 9Hz | Dual-Use
TIMPOTS10C | OTS-10 Color | Dual-Use
ACTILENSOT2X | 2x Lens | 
ACTIDVCF25 | Digital View Clip-On (DVC) |
The OTS17 is a compact multi-purpose thermal imaging system. This OTS17 is built around state of the art uncooled thermal imaging technology, highly integrated DSP-based electronics and a compact, light weight system. The OTS17 provides excellent image quality through total darkness, fog, smoke and most visual obscurants. Total darkness, camouflage or bright lights will not affect the sensitivity of these units.

The included and optional accessories provide for the versatility of the monocular. You can put it on a headset or on a helmet, it can be connected to another monocular to build a binocular system, used as riflescope with a weapon mounting, etc.

The OTS17 is an ideal product for Border Patrol Officers, Sport Shooting Enthusiasts, Private Protection, Police SWAT and Special Operations.

### Basic Kit:
- OTS-17
- Head mount
- Hard Storage Case
- Soft Carry Case
- Weapon mount
- RCA Video/power adapter
- Batteries
- Manual

### Accessories:
- Universal Helmet Mount Kit
- MICH Helmet Mount Kit
- PAGST Helmet Mount Kit
- 2x lens for OTS
- Digital View Clip-On

### Spec Sheet

#### THERMAL MULTI-PURPOSE SYSTEM

<table>
<thead>
<tr>
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<td>TIWSSOTIS17</td>
<td>OTS-17 B&amp;W Thermal Multi-Purpose System</td>
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<td>TIWSSOTIS17C</td>
<td>OTS-17 Color Thermal Multi-Purpose System</td>
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<td>ACTIDVCF25</td>
<td>Digital View Clip-On (DVC)</td>
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<tr>
<td>ACTILENSOT2X</td>
<td>2x Lens</td>
<td></td>
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<tr>
<td>ACTIOT14HMNP</td>
<td>PAGST Helmet Mount Kit</td>
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<td>ACTIOT14HMNT</td>
<td>Universal Helmet Mount Kit</td>
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<tr>
<td>ACTIOT14HMMK</td>
<td>MICH Helmet Mount Kit</td>
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</tbody>
</table>

#### Specifications

- **Magnification:** 1.8X
- **Detection range:** 475 m
- **FOV:** 11x8°
- **Resolution:** 160x120
- **Weight:** 0.74 kg
- **Length:** 195 mm

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**ACCESSORIES FOR OTS-17**
The OTS-15 is a thermal system intended for law enforcement, military and commercial uses. It is built around state-of-the-art uncooled thermal imaging technology, highly integrated DSP-based electronics and a compact, lightweight system.

The OTS-15 thermal bi-ocular provides excellent image quality which is unaffected by lights or shadows that seriously hamper the image quality of image intensifier night vision. Total darkness, camouflage or bright lights will not affect the sensitivity of these units.

The ATN OTS-15’s superior performance, compact size, ease of use and cost efficiency make it the perfect thermal imaging device.

The FIITS system by ATN combines Image Intensification and Infrared Thermal Imaging technologies for night time low light and adverse weather conditions observation. This is achieved by combining an advanced image intensification system with a thermal imaging system.

The combination of the channels allows the user to take full advantage of both technologies by dichoptically creating a “Fused” image for enhanced night vision observation.

The results are a fused image that allows you the benefits and capabilities of both technologies. You will be able to detect both the Image Intensified Night Vision scene and the Thermal Imaging scene so you will not miss anything that you would have been unable to see by either technology separately.

The FIITS is lightweight, portable, and can be used as a handheld binocular or a dual eye goggle. The separate channels can be disengaged from one another and used individually as either a Night Vision or Thermal imaging monocular.

### OTS-15 Specifications
- **Magnification:** 6X
- **Detection range:** 750 m
- **FOV:** 5.5x4.1°
- **Resolution:** 160x120
- **Weight:** 0.39 kg
- **Length:** 139 mm

### FIITS-14 Specifications
- **Magnification:** 1X
- **Detection range:** 475 m
- **Weight:** 0.76 kg
- **Length:** 130 mm

---

### Item No. | Model Description | Export
| --- | --- | ---
| TIFSFI14HN1 | FIITS14 w/ HPTI IIT FOM <1250 | Govt sales only
| TIFSFI143I | FIITS14 w/ 3rd gen IIT FOM <1250 | Govt sales only
| TIFSFI143N | FIITS14 w/ 3rd gen IIT FOM <1600 | Govt sales only

### Accessories for FIITS-14
- **ACTIFI14HMNT** Universal Helmet Mount Kit
- **ACTIFI14HMNM** MICH Helmet Mount Kit
- **ACTIFI14HMNP** PASGT Helmet Mount Kit

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**THERMAL IMAGING BI-OCULAR**

**FUSION IMAGE INTENSIFICATION THERMAL SYSTEM**
ThOR2 / ThOR3

THERMAL OPTICAL RIFLESCOPE

The ATN ThOR series of thermal imaging scopes are based upon a proven 320 x 240 microbolometer core, which is coupled with a high resolution OLED color or B&W Microdisplay Assembly that provides exceptional resolution and clarity. To achieve superior accuracy and precision the ThOR scopes utilize a rear projected optical precision windage and elevation system that allows for 3/4” MOA (2X) and 1/2” MOA (3x) reticle adjustments. This is a significant improvement over systems that use digital windage and elevation. The ThORs are the only thermal weapon sights with ATN’s new proprietary feature – Two Color Manual Brightness control of the aiming reticle. This feature allows for a choice of color (red or amber) of the projected reticle depending on the operator’s preference and tactical situation. The ThOR line is built with either a 2x or 3x optical magnifications. This provides is increased resolution benefits over digital zoom models.

The ThOR is an ideal product for force protection, border patrol officers, police SWAT and special operations forces providing them the tools they need to be successful in all field conditions both day and night.

- High resolution digital thermal imaging
- Compact, lightweight and durable housing
- Video input/output
- Rapid start-up in 3 seconds
- Up to 6 hours operation with four lithium batteries
- One-Year Warranty

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<td>ThOR 2 Color</td>
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<tr>
<td>TIWSTHROR3B</td>
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<tr>
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<tr>
<td>ACTIDVCF25</td>
<td>Quick Release Mount</td>
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<tr>
<td>ACTIDVCF25</td>
<td>Digital View Clip-On (DVC)</td>
<td>Dual-Use</td>
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</tbody>
</table>

DVC - Digital View Clip-on dual day/low-light high-resolution CCD video camera attachment mounts onto the ATN OTS or ATN ThOR thermal imager with video inputs.

The DVC allows the user to switch to and from the thermal image to a digital image for high definition observation and detection using a Sony CCD with high sensitivity operating in low light.

The DVC CCD camera specs feature a .005 lux, minimum 480 tv lines standard NTSC output.

Fully waterproof housing of the CCD camera complies with the specs of the thermal imager housing.

- Extreme low-light CCD camera
- High-resolution standard NTSC video output
- Adjust for lens focus
- Automatic brightness and contrast control
- Compact, lightweight and durable housing
- Is mounted on MIL-STD-1913 or Weaver rail
- Waterproof

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<td>Digital View Clip-On (DVC)</td>
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</table>
The ATN Javelin Series is a compact yet powerful Duty/Tactical Flashlights, suitable for carrying during patrol duties or for the outdoor enthusiast. The J125 has a powerful high intensity 125 lumen halogen bulb. The J68 is identical in features as the J125 and has a 68 lumen LED bulb. The ATN Javelin J600 Tactical Flashlight has a powerful 600 lumen LED bulb. The metal bulb housing is designed to withstand accidental drops and remain water resistant. During an emergency the flashlights bezel can be used as a glass breaker or as a self defense tool.

The ATN Javelin Series Tactical Flashlight can be carried by hand or attached to a weapon by a mount. These devices are designed for any kind of environment or circumstance. Compact and durable, the ATN Javelin flashlights are suitable for Police, Military, EMS and civilian use. The flashlights have a modular bezel in front, which can be used as an attacking bezel by Law Enforcement personnel or as a defensive tool. It can also be used as a powerful defensive flashlight. In a dark atmosphere, if a suspect or attacker is afflicted by the powerful light of the Javelin, they will experience 10 seconds of transient blindness. ATN Javelin J600W has a powerful 600 lumen LEDs. The J169W has a powerful 220 lumen halogen bulb. The J125W has a 200 lumen halogen bulb.

Pierce the night with the ATN Javelin Flashlights!
The **Ultra Sight Digital Compact** was designed to be a both eyes open, heads-up, rapid acquisition reflex sight. At half the size and with similar features of the regular Digital Ultra Sight the Ultra Sight DC is the latest in reflex sights. Digital controls allow you to choose between three reticle patterns with a simple push of a button. Unlike most other systems with interchangeable reticles, the Ultra Sight DC will not have any reticle shift when the pattern is changed. The Ultra Sight DC has a built-in automatic brightness control. This control automatically adjusts the brightness of the reticle to the optimal level, making use of the sight easy and convenient. Combine all the above features with an accurate windage and elevation system makes the Ultra Sight DC the best compact reflex sight on the market.

**Multi Aim System**
- High intensity diodes for super bright reticle
- Instant target acquisition
- Parallax free
- Heads up display for extra wide field of view
- Efficient electrical design for long battery life
- Limited Two-Year Warranty

**ITEM NO.** | **MODEL DESCRIPTION** | **EXPORT**
---|---|---
DTRXULSTDc | COMPACT DIGITAL ULTRA SIGHT | Dual-Use

The **Digital Ultra Sight** by ATN is designed to be a both eyes open, heads-up, rapid acquisition reflex sight with a new revolutionary feature called MultiAim®. MultiAim® makes the ATNc Digital Ultra Sight the only sight on the market where the user can, with a push of a button, instantaneously change the reticle pattern of the sight without a shift in the point of impact. Digitally controlled MultiAim® allows an array of features such as 5-reticle configurations, reticle brightness adjustments, brightness level memory, reticle pattern memory and low battery indication. Since there are no movable parts the reliability of the device is greater than standard reflex sights.

**DIGITAL ULTRA SIGHT**

**ITEM NO.** | **MODEL DESCRIPTION** | **EXPORT**
---|---|---
DTRXULSTDs | DIGITAL ULTRA SIGHT | Dual-Use

**REFLEX SIGHTS**

**COMPACT DIGITAL ULTRA SIGHT**

**DIGITAL ULTRA SIGHT**

**REFLEX SIGHT**
ATN is proud to introduce its professional brand of daytime binoculars: the Omega line. Years of manufacturing German quality glass for our Night Vision equipment have allowed us to produce a binocular line with exceptional quality at a reasonable price.

The Omega binoculars are technologically advanced with special coated optics, nitrogen filled, durable rubber armor, and either a built-in range finder or a bulet-in compass. These binoculars are tough, provide a crystal clear image, and are of the highest quality.

Each model is durable enough to withstand the harshest conditions and is designed to perform under the most stressful situations. This is guaranteed by the lifetime manufacturer’s defect warranty on all of the models in the Omega line.

Whether you are a law enforcement professional, military official, a boater, a hunter, a bird watcher, or an outdoor enthusiast, the ATN Omega line will provide you with a lifetime of reliable performance.

OMEGA BINOCULAR

ATN’s 10x42RF daytime Omega class binoculars are the quintessential professional binoculars. They provide a sharp stable image with excellent low-light performance.

Features multi-coated optics for superior light transmission, individual diopter focus for clearer images, built-in range finder reticle and full rubber armoring for increased shock resistance.

The combination of waterproof and high quality optics make it the perfect binocular for military, law enforcement, boating as well as for most hunting uses.

Meets standards and requirements of MIL-STD810 for a lifetime of high performance.

- Meets standards and requirements of MIL-STD810
- 10x42RF Omega CLASS
- Built for professional use
- Multi-Coated Optics
- Built-in Rangefinder
- Full rubber armoring
- Waterproof & shockproof
- O-ring sealed & Nitrogen purged
- Limited Two-Year Warranty

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OMEGA BINOCULAR

7X30RF
- Meets standards and requirements of MIL-STD810
- Built for professional use
- Multi-Coated Optics
- Built-in Rangefinder
- Full rubber armoring
- Waterproof & shockproof
- O-ring sealed & Nitrogen purged
- Limited Two-Year Warranty

[Specifications]
- Magnification: 7X
- FOV: 7.5°
- Weight: 0.5 kg
- Length: 110 mm

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</tbody>
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7X50C
- Meets standards and requirements of MIL-STD810
- Built for professional use
- Multi-Coated Optics
- Built-in Rangefinder
- Full rubber armoring
- Waterproof & shockproof
- O-ring sealed & Nitrogen purged
- Limited Two-Year Warranty

[Specifications]
- Magnification: 7X
- FOV: 7°
- Weight: 1.38 kg
- Length: 152 mm

<table>
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8X36RF
- Meets standards and requirements of MIL-STD810
- Built for professional use
- Multi-Coated Optics
- Built-in Rangefinder
- Full rubber armoring
- Waterproof & shockproof
- O-ring sealed & Nitrogen purged
- Limited Two-Year Warranty

[Specifications]
- Magnification: 8X
- FOV: 7.5°
- Weight: 0.6 kg
- Length: 132 mm

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7X50RF
- Meets standards and requirements of MIL-STD810
- Built for professional use
- Multi-Coated Optics
- Built-in Rangefinder
- Full rubber armoring
- Waterproof & shockproof
- O-ring sealed & Nitrogen purged
- Limited Two-Year Warranty

[Specifications]
- Magnification: 7X
- FOV: 7°
- Weight: 1.38 kg
- Length: 152 mm

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<td>7X50RF Omega class</td>
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TURNING NIGHT INTO DAY

NIGHT VISION • THERMAL IMAGING • TACTICAL FLASHLIGHTS • DAYTIME OPTICS