

# NZT-35

## NIGHT VISION SPOTTING SCOPE



### *u s e r ` s   g u i d e*

Export of night vision equipment and optical sighting equipment is controlled by the U.S. Department of State, Office of Defense Trade Controls in accordance with International Traffic in Arms (ITAR), Title 22, Code of Federal Regulations Part 120-130 and/or the Export Administration Regulations (EAR) U.S. Department of Commerce. Illegal export of these commodities is strictly prohibited.



**AMERICAN  
TECHNOLOGIES  
NETWORK  
CORP.**



## FEATURES

- Rugged fiberglass reinforced plastic construction.
- All glass multi-coated lenses for superb clarity and brightness.
- Revolutionary F1.2 lens with amazing light transmission.
- The NZT-35 infra-red illuminator was designed to let you see even in total darkness.
- Sturdy Hand Strap for comfort of use.
- Weather Resistant.
- One year warranty (optional extended warranty).

## SPECIFICATIONS

Total Darkness Technology .....	Standard
Magnification .....	3.4X
Intensifier Tube .....	High Res. 1st Gen +
Detection Range .....	150 m/yards
Recognition Range .....	100 m/yards
Lens System .....	F1:1.2, 50 mm
FOV .....	13°
Diopter Adjustment .....	±4
Resolution .....	40 lp/mm
Power Supply .....	One 1.5 Volt Battery(LR6)
Range Of Focus .....	2m to Infinity
Controls .....	Digital
Battery Life .....	10-20 Hours
Operating Temperature .....	-40°C to +40°C
Dimensions .....	185 mm X 60 mm X 81 mm
.....	702" X 2.3" X 3.2"
Weight .....	0.45KG/16OZ

## APPLICATION

The NZT-35 night vision spotting scope is a compact, stylish hand held night vision spotting scope.

A 3.4x magnification all glass lens system combined with a high quality 1st generation + light intensifier tube gives you a bright and sharp image in any dark situation you may find yourself in. A free long-range infrared illuminator is also included to let you see even in total darkness.

Do not let darkness impair your vision for a moment longer. Whether you are camping, boating, observing wildlife or surveying your property for intruders the NZT-35 night vision device lets you see what goes bump in the night.

The NZT-35 Night Vision Monocular is a complex optoelectronic system for individual use. The device consists of an objective lens assembly, eyepiece and a body. The body contains 1st Gen.+ image intensifier tube assembly with an integrated high voltage power source and the three volt battery housing. When installing the battery one should keep in mind that the battery polarity should coincide with the diagram on the body next to the battery housing cap.

Objective lens protective cover is intended to protect objective lens from dust and scratches. It also will act as a daylight filter, allowing you to test the scope in daylight or other bright light situations. The pinhole in the center of the protective cover allows a user to check an operation ability of the device in daylight conditions.

**NOTE:** Do not test the scope in daylight conditions even with the daylight filter/lens cap on for more than ten (10) minutes.

The information in this manual furnished for information use only, is subject to change without notice, is not to be construed as a commitment by ATN Corp.

ATN Corp. assumes no responsibility or liability for any errors or inaccuracies that may appear in this book.

©2005 ATN Corp. All right reserved.

## OPERATION

---

- Take the monocular out of the case.
- Install the battery into the housing with the polarity order as shown on the scope. Battery Type: 1.5 Volt, LR6(A316) .
- Press the power button to turn the unit on with the protective lens cover still attached to the lens. Do not turn the unit on in the daytime without the protective lens cap on. You should see green glow in the eyepiece. You can make observations during some time. In case of decreasing of the image brightness press power button once more. You may notice a persistent green glow for up to five (5) minutes after you have turned the unit off. This is normal for the 1st Gen Light intensifier tube.
- Observe the scene and adjust the diopter for optimal image clarity. Focus the front lens until the image and the grain are both sharp.
- You may now enter a dark environment or simply shut the lights off in order to darken the room.
- Next, remove the lens cap/daylight filter. Adjust the front lens for distance of the focus. You should not have to readjust the diopter.

*NOTE: We suggest that you focus the diopter during daylight with the filter on.*

*NOTE: The front lens should be readjusted as you view objects at different distances.*

## INFRA-RED ILLUMINATOR

---

Infra-red (IR) illuminators, are common to night vision. The IR light greatly enhances the performance of the NZT-35 while remaining almost totally invisible to the naked eye. The IR illuminator on the NZT-35 is located next to the front lens.

To turn the IR on or off push the IR power button. Keep pressed switch button when observing objects. The illuminator is turned off immediately after releasing IR button.

It is important to remember that the IR illuminator is simply an infra red light source, and like any light source, it may lose its effectiveness over a great distance.

## STORAGE AND CARE

---

- If the device is not to be used for extended period of time (more than 10 days) remove the battery.
- Avoid touching lenses. If fingerprints or traces of dirt or dust appear, clean their surface with a Photographic lens cleaning tissue.
- Keep lens cap/daylight filter on when not in use.
- The NZT-35 is not harmful to the user or the environment.
- Do not disassemble except to clean the front lens and eyepiece: it will void your warranty.
- Evaluate the monocular function by looking through it in a lit environment with the daylight filter lens cap on. Never use in daylight without the daylight filter lens cap on.
- Never point the NZT-35 at a bright light source.
- Adverse atmospheric conditions such as fog, smog or haze and a lack of ambient light (moon or starlight) may diminish the effective viewing distance.

## TROUBLESHOOTINGS

---

- Q:** Flashes, flickers or clicking occur while operating
- S:** If it occurs within the first five minutes of inserting new batteries, it is normal and the device will resume normal operation soon thereafter. If it occurs for more than 10 minutes, contact for service instructions.
- Q:** Dark spots on screen.
- S:** These are either cosmetic blemishes in the intensifier tube or dust particles.
- Q:** Screen becomes darker than at previous use.
- S:** Replace batteries. If problem persists, contact your dealer or other authorized service representative for service instructions.
- Q:** Image not clear.
- S:** Adjust objective lens, and/or the eyepiece.

# 1 YEAR PRODUCT WARRANTY

---

This product is guaranteed to be free from manufacturing defects in material and workmanship under normal use for a period of 1 (one) years from the date of purchase. In the event a defect that is covered by the foregoing warranty occurs during the applicable period stated above, ATN, at its option, will either repair or replace the product, and such action on the part of ATN shall be the full extent of ATN's liability, and the Customer's sole and exclusive remedy. This warranty does not cover a product (a) used in other than its normal and customary manner; (b) subjected to misuse; (c) subjected to alterations, modifications or repairs by the Customer of by any party other than ATN without prior written consent of ATN; (d) special order or "close-out" merchandise or merchandise sold "as-is" by either ATN or the ATN dealer; or (e) merchandise that has been discontinued by the manufacturer and either parts or replacement units are not available due to reasons beyond the control of ATN. ATN shall not be responsible for any defects or damage that in ATN's opinion is a result from the mishandling, abuse, misuse, improper storage or improper operation, including use in conjunction with equipment which is electrically or mechanically incompatible with or of inferior quality to the product, as well as failure to maintain the environmental conditions specified by the manufacturer. **CUSTOMER IS HEREBY NOTIFIED THAT OPERATION OF THE EQUIPMENT DURING DAYLIGHT HOURS OR UNDER ANY EXCESSIVE LIGHT CONDITIONS MAY PERMANENTLY DAMAGE THE INTERNAL COMPONENTS OF THE UNIT AND SAID DAMAGE WILL NOT BE COVERED UNDER THIS WARRANTY.** This warranty is extended only to the original purchaser. Any breach of this warranty shall be waived unless the customer notifies ATN at the address noted below within the applicable warranty period.

The customer understands and agrees that except for the foregoing warranty, no other warranties written or oral, statutory, expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose, shall apply to the product. All such implied warranties are hereby and expressly disclaimed.

## LIMITATION OF LIABILITY

---

ATN will not be liable for any claims, actions, suits, proceedings, costs, expenses, damages or liabilities arising out of the use of this product. Operation and use of the product are the sole responsibility of the Customer. ATN's sole undertaking is limited to providing the products and services outlined herein in accordance with the terms and conditions of this Agreement. The provision of products sold and services performed by ATN to the Customer shall not be interpreted, construed or regarded, either expressly or implied, as being for the benefit of or creating any obligation toward any third party of legal entity outside ATN and the Customer; ATN's obligations under this Agreement extend solely to the Customer. ATN's liability hereunder for damages, regardless of the form or action, shall not exceed the fees or other charges paid to ATN by the customer or customer's

dealer. ATN shall not, in any event, be liable for special, indirect, incidental or consequential damages, including, but not limited to, lost income, lost revenue or lost profit, whether such damages were foreseeable or not at the time of purchase, and whether or not such damages arise out of a breach of warranty, a breach of agreement, negligence, strict liability or any other theory of liability.

## PRODUCT WARRANTY REGISTRATION

---

In order to validate the warranty on your product, ATN must receive a completed Product Warranty Registration Card for each unit. Please complete the form below and immediately mail it to our Service Center: ATN Corporation, 20 South Linden Ave., Suite 1B, South San Francisco CA 94080. Products qualifying for warranty repair will be either repaired or replaced within 10 business days of receipt of merchandise unless the customer is notified otherwise.

## OBTAINING WARRANTY SERVICE

---

To obtain warranty service on your unit, take or send the product, postage paid, with a copy of your sales receipt to our service center, ATN Corporation at the address noted above. All merchandise must be fully insured with the correct postage; ATN will not be responsible for improper postage or, missing or damaged merchandise during shipment.

---

For customer service and technical support, please contact  
American Technologies Network Corp.  
North American Office  
20 S. Linden Ave. Suite 1B, South San Francisco, CA 94080  
phone: 800-910-2862, 650-875-0130; fax: 650-875-0129  
European Office  
phone: 44(0)870-0111286, fax: 44(0) 845-3349142

The following countries can use our toll free number 00 800 9102-8620  
Austria, France, Germany, Holland, Italy, Spain, Sweden, Switzerland  
[www.atncorp.com](http://www.atncorp.com)