

ATN BinoX 4T Series

**THERMAL SMART HD BINOCULAR
WITH BUILT-IN LASER RANGEFINDER**



MANUAL

BINOX 4T USER'S GUIDE



**AMERICAN
TECHNOLOGIES
NETWORK
CORP.**



CAUTION!

THIS PRODUCT CONTAINS NATURAL RUBBER LATEX WHICH MAY CAUSE ALLERGIC REACTIONS

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FEATURES

-  RECORD VIDEO
-  WIFI DUAL STREAMING
-  BLUETOOTH
-  SMOOTH ZOOM
-  E-COMPASS
-  3D GYROSCOPE
-  3D ACCELEROMETER
-  LASER RANGE FINDER
-  BUILT-IN MICROPHONE
-  OBSIDIAN USER INTERFACE
-  SHARE ON SOCIAL MEDIA THROUGH APP
-  COLOR MODES
-  ULTRA LOW POWER CONSUMPTION
-  DUAL CORE PROCESSOR
-  SIMPLE TOGGLE SWITCH OPERATION

APPLICATION

ATN has created a new series of thermal binoculars that offers the user a profound new technological experience! The new ATN BinoX 4T series delivers a superior value by providing ATN SMART HD features and an improved thermal imaging sensor that exceeds expectations. Plus, the new integrated laser rangefinder is the ace in the hole for your game recovery or search and rescue efforts.

This thermal binocular gives you the convenience of thermal imager, allowing you to see what is behind every bush or tree, or in every field. With the speed and efficiency that you want in a good pair of a quality binoculars, this functional dual-purpose optic is perfectly paired with an angle compensated laser rangefinder. Making this optic the must-have device of the season for spotting or recovery. Elevating your hog hunts and stalking efforts and giving you the adaptability in the field that you have been wanting!

The new internal battery provides up to 15+ hours of battery life, and the other included features will aid in your recovery efforts and keep you target ready! The ATN BinoX 4T comes in both 384x288 and 640x480 configurations and is equipped with the most advance thermal sensors, providing a sharp and clear thermal image. Easily scan for heat signatures to detect even the smallest of animals in deep cover or concealed by fog. Record video and take photos directly to your micro SD card to share with friends and family or on social media.

This classic tool is also ergonomically designed and includes a neck strap for ease of use and comfort while in the field. No more guessing how far to your target is for dope corrections, use the built in E-Compass and laser rangefinder to know the direction and distance you need to travel in the field. The control keypad is simple to use and easily manipulated with a one hand, leaving your other hand free and target ready.

The ATN BinoX 4T Smart Thermal Binoculars is the optic you wanted and have waited for. Whether it is for search and rescue efforts, or for game recovery, these thermal vision binoculars come with more features than you will know what to do with at first, but soon you won't know how you've lived without them. ATN is The Future of Optics!

SPECIFICATIONS

	BinoX 4T 1.25-5x	BinoX 4T 2-8x	BinoX 4T 4.5-18x	BinoX 4T 1-10x	BinoX 4T 1.5-15x	BinoX 4T 2.5-25x
Item #	TIBNBX4381L	TIBNBX4382L	TIBNBX4384L	TIBNBX4641L	TIBNBX4642L	TIBNBX4643L
Sensor	384x288			640x480		
Magnification	1.25-5x	2-8x	4.5-18x	1-10x	1.5-15x	2.5-25x
Field of view	16°x12.5°	12°x9.5°	6x4.7°	32°x25°	24°x19°	12.5°x9.7°
Display Resolution	1280x720x2					
Interpupillary adjustment range	60-70 mm					
Eye relief	10-30 mm					
Focus Range	10 ft to infinity					
Laser Rangefinder	Yes					
Video Record Resolution	1280x960 @ 60 fps					
IP rating	Weather Resistant					
Charging	USB, type C					
WiFi (Streaming, Gallery, & Controls)	iOS & Android					
Bluetooth	Yes					
3D Accelerometer	Yes					
3D Gyroscope	Yes					
3D Magnetometer	Yes					
E-Barometer	Yes					
Smart Rangefinder	Yes					
E-Compass	Yes					
Smooth Zoom	Yes					
Microphone	Yes					
Micro SD Card	4 to 64 GB					
Battery life (Li-ion)	15+ hrs					
Human Detection Range	750 m	960 m	1800 m	830 m	1050 m	1950 m
Human Recognition Range	335 m	480 m	720 m	350 m	530 m	800 m
Human Identification Range	205 m	300 m	430 m	225 m	330 m	475 m
Dimensions	9.4" x 5" x 2.6" / 240 x 128 x 67 mm					
Weight	2.5 lb / 1.12 kg					
Warranty	3 years					

* ATN reserves the right to change the above specifications at any time without notice.

PREPARING THE DEVICE

UNPACKING

The following steps must be performed before using the device.

1. Open packaging box, remove BinoX 4T.
2. Verify your box has the following: Optic, Optic Cover, Sunshade, Rubber Eye Piece, Charging Cable.
3. Inspect the device for damage to optical surfaces, body, eyecups, operation buttons, etc.
4. Ensure that all optical surfaces are clean and ready for use.

NOTE

If any accessories are missing or broken contact ATN's Customer Service at 1.800.910.2862.

CHARGING THE DEVICE

The device is equipped with a USB (type C) port. You will find it under the rubber cap on the right side of the device (caps are marked with appropriate icon).

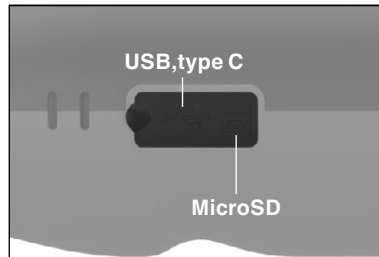
We have included a USB (type C) charging cable with your binocular. Plug the cable into a USB wall charger that has an output of 2 amps (Wall Charger not included).

Charge your binocular for 6 hrs using a 2A USB wall charger. Note using a wall charger with lower amperage will take longer to charge your binocular.

1. Recommended charger is 2A USB charger.
2. Battery charging time (from 0 to 100%) is 6 hours with 2 A USB charger.
3. Battery run time is 15+ hours on a single charge.

MICRO SD AND USB C PORTS

The device is equipped with a microSD Card and USB (type C) ports. You can find them under the rubber caps on the right side of the device (we marked the caps with appropriate icons).



To open the rubber port cover, gently lift the rubber cover and move it out of the way.

NOTE

Make sure that the device is turned off before inserting the formatted microSD Card into its assigned port.

1. Always format a new microSD card before using.
2. Insert microSD card as shown.
3. Use a thin object (small coin, paper clip) to lock the microSD card in place after inserting it into the slot.
4. Return the cover to its original position.

NOTE

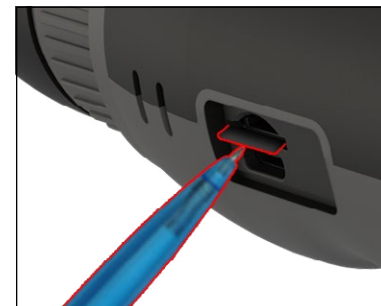
There is only one correct direction to insert the microSD Card.

Do not force the microSD Card into the port doing so may cause damage to both the binocular and the card itself.

To remove the microSD Card from the port, push the card slightly in using the same thin object you did before. When the card pops up a few millimeters, pull the card out with your fingers or tweezers.

NOTE

If you are going to record video, the microSD Card should be a Class 10 (10 Mb/sec) or faster and have capacity from 4 to 64 Gb that is an HC type SD card.



FIRMWARE UPDATE

Before operating your device, update the firmware to the latest version. All firmware updates can be found on at <https://www.atncorp.com/firmware>.

To receive a notification concerning new firmware updates, please register your device on our website. An email notification will be sent when a new firmware update becomes available.

To update the firmware you will need a microSD Card and fully charged internal battery.

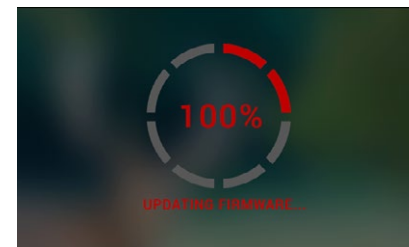
NOTE

In the event of a power failure during an update, the device may crash. This will corrupt the system files and the device will need to be sent back to the ATN factory for service.

To ensure your zero coordinates are not lost, write down your zero coordinates before continuing to update the firmware.

Update the new firmware as follows:

1. Download the *****.bin** file and copy to your microSD Card — root directory.
2. Insert the card into the binocular.
3. Turn ON the binocular.
4. In the "Firmware Update" dialog box select "Yes" to start the update.
5. When the update counter reaches "100%" the device will automatically restart.
6. Once the device is powered up it will enter self configuration mode.
7. After completing it will automatically restart.
8. Motion Sensing platform will be configured when first turned on.
9. Once the Firmware update completes, please do a factory reset before using the product.
10. Please delete the Firmware file off of the microSD card after the process is complete. Or the system will try to update the Firmware every time you turn the binocular on.



NOTE

If the device does not restart within 30 seconds, press and hold the power button for 15 seconds and the binocular will turn off.

ON/OFF



To TURN ON the device, press and hold the POWER button until you see the ATN splash screen.

To TURN OFF the device, press and hold the POWER button, until "Shut down the device?" appears in the dialog box. Choose "Yes" to turn off.

If the binocular freezes or stops responding to the control panel. Press and hold the Power button for 15 seconds to reboot the binocular.

USING YOUR KEYPAD



The KEYPAD is programmed to be used in two different ways.

- Short and Quick Taps — used for most functions and to get around the menu.
- Press and Hold — designed to be used in the following situations — ON/OFF, SHORTCUT MENU.
- You can use the forward and rearward keys (zoom keys), while in the System Menu, as UP and DOWN buttons.

NOTE

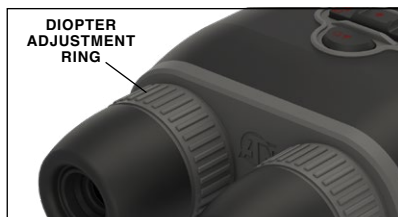
Using LEFT or RIGHT buttons in the

Menu. You can quickly choose Exit Shortcut from any position. Use the down arrow button from any menu screen to exit to the Home Screen by pressing and holding down the rearmost down arrow for a few seconds.

FOCUSING

DIOPTER ADJUSTMENT

By rotating the Diopter Adjustment Ring you will achieve optimal sharpness for your vision. Look through the eyepiece while focusing on the reticle and widgets on the screen.



NOTE

Once the Diopter Adjustment is set to your liking, adjustment will not need to be performed unless another user altered the focus for their needs.



DISTANCE FOCUS

Rotate the Adjustment Ring, as necessary, to achieve the proper focus at various distances.

INTERPUPILLARY ADJUSTMENT

Each eyepiece moves laterally to adjust for interpupillary spacing.



MOUNTING ON A TRIPOD

The BinoX 4T is tripod mountable and can be mounted on tripods with a 1/4" thread mount.



COMPASS CALIBRATION

When the compass needs to be calibrated the word "CAL" appears instead of the Compass Scale. To calibrate you should rotate the device on three axis as pictured on the right.

NOTE

After calibrating the device please remember that the compass will work best when holding the BinoX 4T parallel to the ground.

Other possible abbreviations:

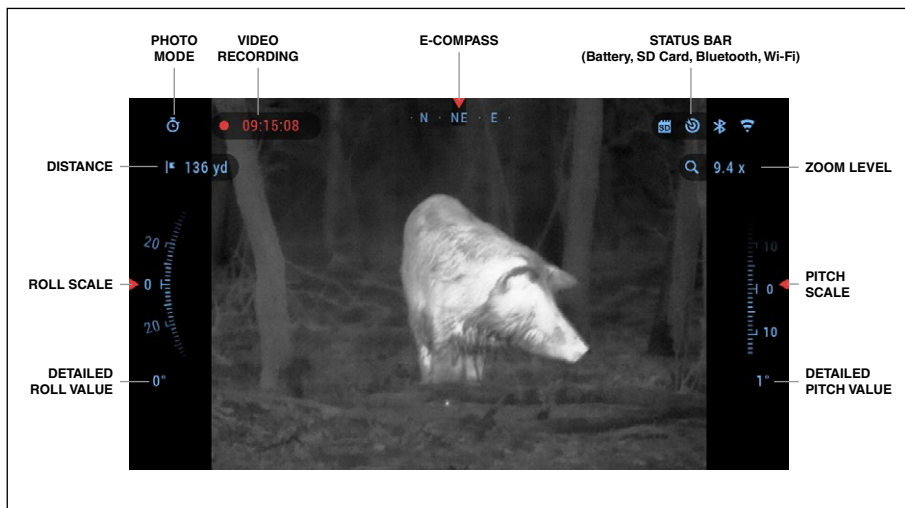
- ERR — an error was detected;
- SMF — your device is under Strong Magnetic Field;
- UPD — your firmware needs to be updated.



INTERFACE

HOMESCREEN

The first screen you'll see after turning on the device is the Homescreen. It consists of Scales, Status Bar icons and different Information Widgets.



SCALES

- E-Compass Scale shows yaw angle, based on e-Magnetometer data.
- Roll Scale shows rifle cant, based on internal 3D Gyroscope.
- Pitch Scale shows rifle inclination, based on internal 3D Gyroscope.

STATUS BAR

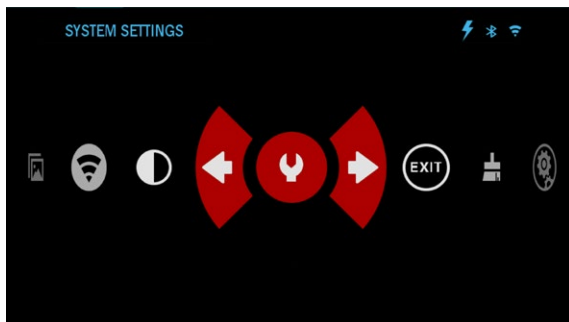
Displays information about the current state of the system. Icons that are inactive become invisible when not in use, and only the important information will appear.

- Battery — shows how much energy is left in the system.
- Micro SD Card — shows the presence or absence (red icon) of memory card.
- Bluetooth, and WiFi — shows when the function is enabled.

WIDGETS

Interface elements will appear as widgets that will provide access to useful information. There are several types of widgets:

- icons without value are used for mode displaying (Photo and Video Modes);
- only numerical value (Detailed Roll and Pitch Values);
- icons with a numerical value: Range, Zoom, Distance.



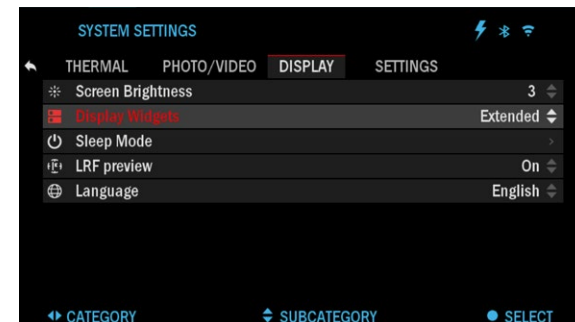
Display widgets can be disabled from the System Settings.

To enter System Settings you should click the OK button from Homescreen to access the Shortcut Carousel.

Select the wrench icon with RIGHT or LEFT buttons and push the OK button to enter the System Settings menu.

Select the Display tab with RIGHT button and choose subcategory Display Widgets with Keypad buttons .

Press the OK button to select the Display Widgets. Use Keypad buttons to change from Extended to Minimal. To save the selection press the OK button. Press the left arrow button to exit the submenu.



MAIN OPERATIONS



ZOOM LEVEL

Use Keypad buttons to Zoom IN and OUT. Zoom Level is displayed in the Zoom widget on the Homescreen.

NOTE

When the device is activated for the first time, you need to configure the lens option in the pop-up window before zooming. Please refer to System Settings, Device Type on page 19.



TAKING PHOTOS

Press the LEFT button to TAKE A PHOTO. You can take one or several photos.



VIDEO RECORDING

By pressing the RIGHT button you will be able to RECORD VIDEO. Press the Right Arrow again to stop video recording.

NOTE

Recording will automatically stop when the memory card is full or the battery is out of power.



SHORTCUT CAROUSEL

Pressing down on the OK button opens and closes the Shortcut menu.

MODES

The BinoX 4T Pro has 2 modes of operation: basic and advanced.

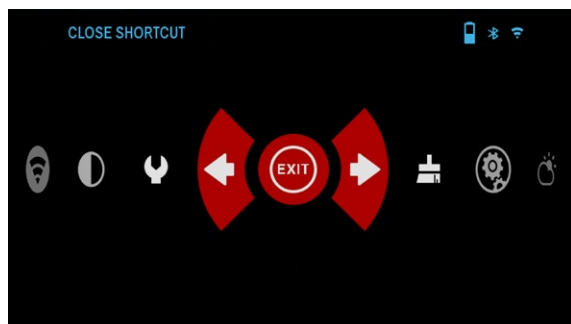
Basic Mode has the following feature options:

1. System Settings
2. Advanced Shortcut
3. Contrast.

Advanced Mode has the following feature options:

1. Exit
2. System Settings
3. Advanced Shortcut
4. Environment
5. WiFi
6. Gallery
7. NUC
8. Contrast.

SHORTCUT CAROUSEL



The Carousel is your access to a number of shortcuts that will allow you to quickly access your binocular's features. Hold the OK button  from Home-screen to access the Carousel.

Buttons highlighted in Red are the only ones that activate a particular shortcut.

Use the LEFT & RIGHT buttons  to move between functions.

To turn a particular function ON or OFF, you should click the OK button  while that function is selected. Example — WiFi.



EXIT
Exit Carousel.



NUC
Allows you to make a non-uniformity compensation (NUC).



GALLERY
Gives you access to the library of Images and Videos that are stored on your binocular's micro SD card.



CONTRAST
The difference in luminance and color that makes an object more distinguishable.



ENVIRONMENT

Allows for input of various environmental data, such as wind speed and direction.



SYSTEM SETTINGS

Allows access to various system options and adjustments.



WIFI

Allows you to connect to your smart phone or tablet; password is **atnsmarthd**.



BLUETOOTH

Allows you to connect to ATN Smart accessories and other ATN devices, ie X-Sight 4K and ThOR 4.

USING SYSTEM SETTINGS

To access the System Settings, enter the Shortcut Carousel by holding the OK button . Select the wrench icon with RIGHT or LEFT buttons .

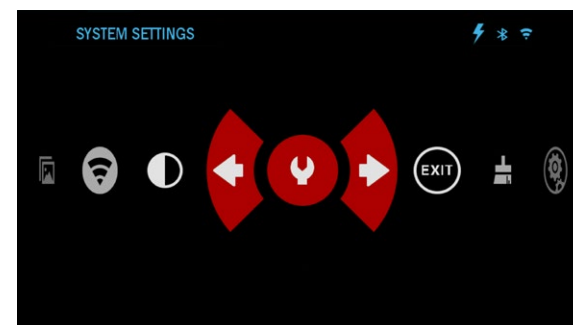
Push the OK button  to enter the menu.

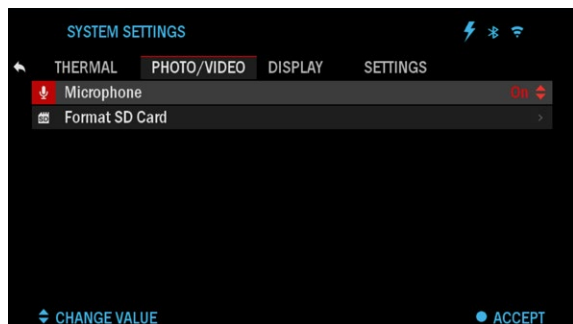
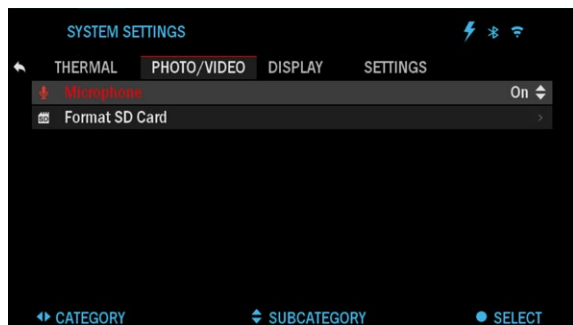
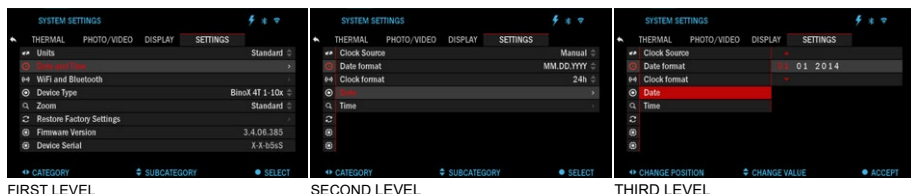
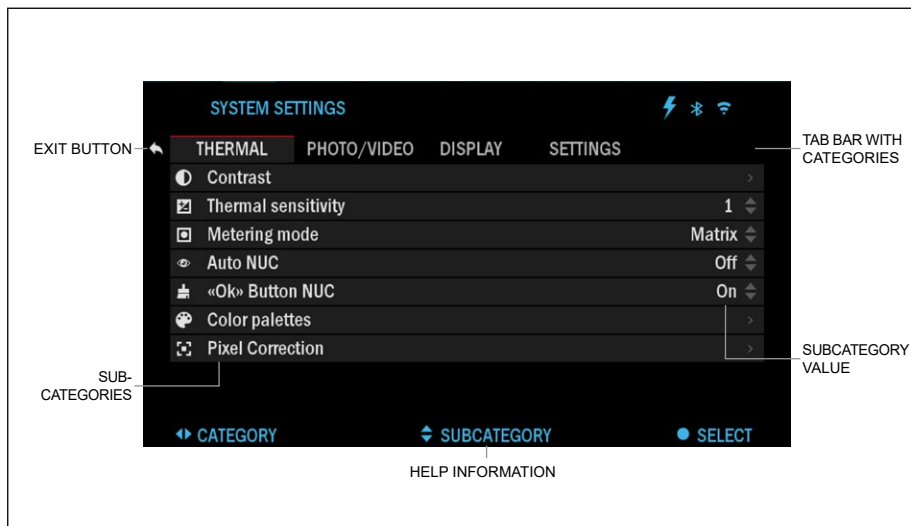
The System Settings consists of a Tab Bar at the top of the screen, list of subcategories in the center and Help Information at the bottom.

On the left side of the Tab Bar you will find the Exit (with arrow icon). Selecting Exit and pressing the OK button  will bring you back to the Homescreen.

Movement between the tabs is carried out using the LEFT and RIGHT buttons .

Each tab includes subcategories. To select a particular subcategory you should use Keypad buttons  and press the OK button  to select it.



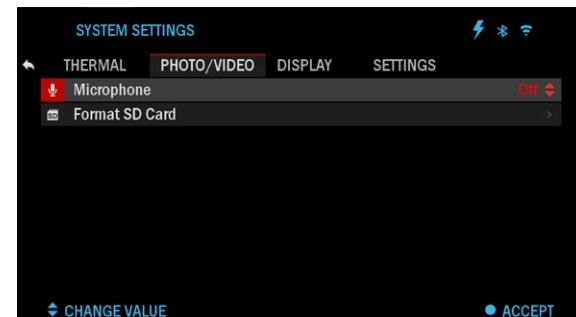


To change a particular value, follow the next few steps. Select the subcategory you need with Keypad buttons.

Press the OK button to select a particular value (once selected it will turn red).

Change the value with Keypad buttons.

To select a new value, press OK button to confirm the change.



FUNCTIONS

PHOTO MODE

Press the LEFT button while staying on the Homescreen to TAKE A PHOTO.

You must have a microSD card inserted in the device for this feature to work. All files will be stored on the microSD card.

Each press of the left button will take one photograph. Captured photos can be found in the Gallery on your device.

VIDEO RECORDING

NOTE

You must have a microSD card inserted in the device for these features to work.

All files will be stored on the microSD card. Recorded videos can be found in the Gallery on your device.

The binocular allows you to record videos.

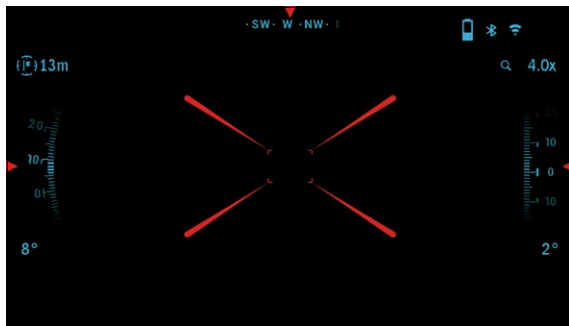
While recording the Counter widget appears. In order to Start recording video. While on the Homescreen, Press the RIGHT button to activate video recording. Press the RIGHT button once more to Stop recording video.



LASER RANGEFINDER

We integrated a Laser Rangefinder, so you now have the ultimate binocular package that has everything you want. Not only do you have the ability to see both day and night at your fingertips, but you now have the ability to range your target with absolute accuracy for dope hold over or know how far you need to trek to your next waypoint. To





measure the distance to a target using the laser rangefinder short press the POWER button. The rangefinder will take several measurements and will show the distance in the upper left corner. The device will exit measurement mode automatically.

Unit of measurement can be selected for the device in System Settings → Settings

→ Units. Your laser rangefinder also has two operation modes, Standard mode and Fog mode, for adverse environmental conditions, which can be selected in System Settings → Settings → WiFi and Bluetooth → Rangefinder Mode.

LRF PREVIEW

If you would like to have a reference point of where the Laser Range Finder is collimated too. You can turn on the LRF Preview. This will turn on a red square box in your BinoX 4T FOV as a reference point. In order to turn the LRF preview on, go to the Shortcut Carousel → System Settings → Display → LRF Preview and turn it ON.

Once it is turned on, you will see a red box on your Homescreen, providing you with a LRF reference point. This does not turn the LRF on or Range the target continuously. In order to turn the LRF function on with preview activated, you still need to press the Power button once.

BIX TECHNOLOGY

If you have an ATN Smart HD scope and would like to use your ATN BinoX 4T to transmit the range data to your ATN Smart HD scope via Bluetooth. Please follow the next few steps in order to accomplish this.

Make sure you have activated the advanced settings in your BinoX 4T.

- Open the shortcut Carousel → System Settings → Settings → WiFi & Bluetooth → Broadcast LRF.
- Select Broadcast LRF and switch it “ON”.

Turn on your ATN Smart HD scope. Make sure you have activated the advanced settings in the shortcut Carousel.

- Open the shortcut Carousel → System Settings → Settings → WiFi & Bluetooth → BinoX LRF.
- Select BinoX LRF and switch it “ON”.

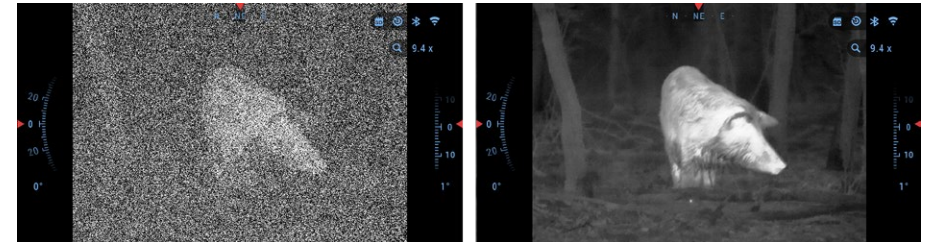
Now take your ATN BinoX 4T and Short Press the power button. You should see the Rangefinding reticle appear. Once the BinoX 4T ranges the target, the range data will automatically be transferred to your ATN Smart HD scope. If you have the Ballistic Calculator turned on and the Ballistic profile has been setup, your POA will change based on the reading the ATN Smart HD scope receives from the ATN BinoX 4T.

HOW TO PERFORM A NUC

NUC'ing helps to improve the image quality when the image is degraded by various environmental factors. There are multiple NUC tables that span the full

operating temperature range, and the camera automatically selects the optimum table based on its temperature.

You can set the system to perform a NUC automatically at a predefined time interval. Or, you can turn the automatic NUC off and NUC the system manually, when required. Also, you can use the NUC shortcut from the Home Screen by pressing the OK button , provided that you activated this shortcut in the system settings.



Example: Change of temperature, continuous viewing of a particular warm object, and movement from one environment to another all may cause image degradation.

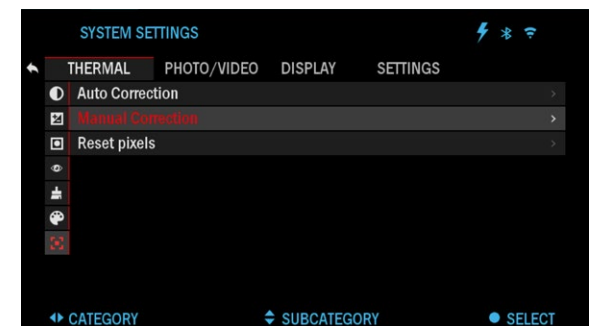


To clean up the image you will need to select NUC from the Shortcut Carousel after you select to NUC the system. The binocular will perform the required calibration improving the visual quality of the image.

PIXEL CORRECTION PROCEDURE

Pixel Correction Procedure is intended to correct “neutral” pixels that are visible in the FOV, but are not responding to the changing environment or scenery. They may be white or black and remain static and or nonresponsive.

1. Enter the Shortcut Carousel by pressing the OK button .
2. Select System Settings.
3. Select Thermal Category.
4. Select Pixel Correction Subcategory.
5. Select Manual Correction.
6. You should see a targeting reticle, use the Keypad to move the reticle over the neutral pixel.



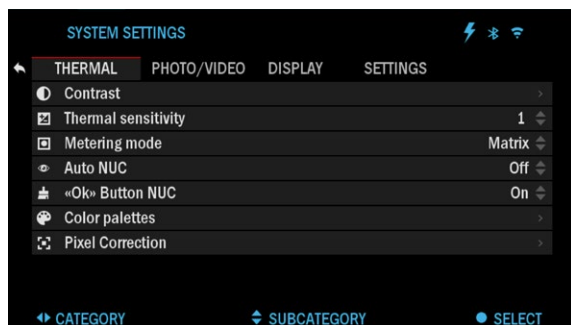
If it is hard to target the neutral pixel, press the OK button  and select Zoom. Use Keypad buttons  to zoom in and out, on to the neutral pixel in order to isolate it. Once you have isolated the neutral pixel, press the OK button  to escape from the zoom function.

7. Once the reticle is positioned over the neutral pixel, press the OK button  and select Save. This should correct the pixel.

NOTE

If after you have done the procedure outlined above and the neutral pixel has not been corrected. Try the process on a pixel directly adjacent to the neutral pixel in order to make a uniformed correction in the FOV.

SYSTEM SETTINGS



THERMAL

CONTRAST — the difference in luminance and color that makes an object more distinguishable. You may adjust the setting from 1 to 5, or select Auto.

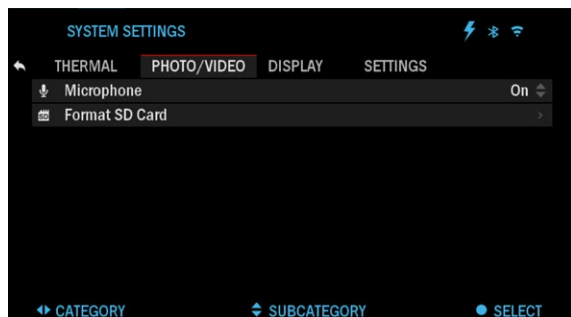
THERMAL SENSITIVITY — Allows you to select how sensitive the Thermal Sensor is in picking up thermal heat signatures.

METERING MODE — The Center mode tells the sensor to concentrate on the heat signature in the center of the field of view and ignoring the background.

The Matrix mode tells the sensor to look at the heat signature in the entire field of view and the background to give you a better image of the entire scene.

OK BUTTON NUC — Turning this option ON, will allow you to do a quick NUC by tapping the OK Button on your control pad.

COLOR PALETTES — The range of colors used for thermal imaging.



PHOTO/VIDEO

MICROPHONE — sound recording (ON/OFF).

FORMAT SD CARD — after you choose this subcategory, you'll see a pop-up window asking you about formatting.

DISPLAY

SCREEN BRIGHTNESS. Gives you a 1 to 5 numerical selection, with 1 being the dimmest and 5 the brightest. It is recommended that you use the brightest setting during the day for optimal performance.

DISPLAY WIDGETS — allows you to disable several widgets (Minimal/Extended).

SLEEP MODE

- Sleep Mode — allows you to switch the mode (ON/OFF)
- Hibernation Time — can be 1 – 60 min.

SETTINGS

UNITS — can be Metric or Standard system.

DATA AND TIME

- Clock Source — allows you to choose different types of source to improve the accuracy (Manual, WiFi).
- Date Format — can be YYYY-MM-DD, MM-DD-YYYY, DD-MM-YYYY.
- Time Format — form of stating the time (24-hour or 12-hour).
- Date — enter the date.
- Time — enter the time.
- Time Zone — allows you to choose a geographical region with standard time.

WIFI AND BLUETOOTH — WiFi values are not changeable.

- Remote controller — Allows for pairing of X-Trac remote.
- Remote Controller Orientation — Allows you to choose the orientation of the remote, changing the direction of Keypad buttons.
- Rangefinder mode.
- WiFi info.
- Broadcast LRF.

DEVICE TYPE — to make all features work correctly you need to choose the type of lens you have.

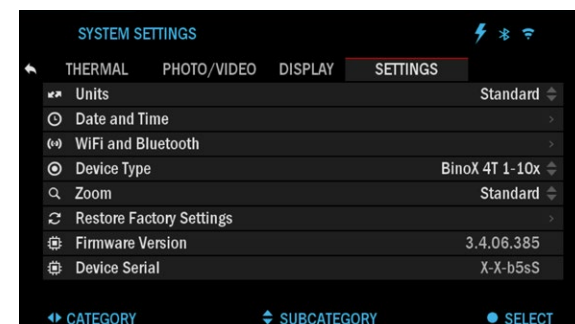
ZOOM — allows you to choose different types of zoom (Standard, Extended). Extended Zoom will give an electronic zoom of 10x your optical Zoom.

Example: 4–16 in Extended mode becomes 4–40x. However, we would like to caution you that you will begin to see considerable pixelation at such a zoom.

RESTORE FACTORY SETTINGS — allows to reset all the settings to default.

FIRMWARE VERSION — allows you to see the firmware version currently running on your binocular.

We recommend that you register your product on our home page (www.atncorp.com) in order to make sure that you are getting emails when new firmware versions become available. We are constantly working on new features, functions, and improvements that we provide to you free of charge via firmware upgrades.



WARNINGS AND CAUTIONS

- Always remember to turn off the device when it is not in use.
- Do not disassemble, drop, open, crush, bend, deform, puncture, shred, microwave, incinerate, paint or insert foreign objects: it will void your warranty.
- Keep the binocular in the provided protective cover when not in use.
- Avoid contact with dust, steam, and gas.
- This product contains natural rubber latex which may cause allergic reactions.
- The binocular is a precision electro-optical instrument and must be handled carefully.
- Do not scratch the external lens surfaces or touch them with your fingers.

CAUTION

Failure to follow these safety instructions could result in damage to the device!

MOBILE APPLICATIONS



Control your device and view a live streaming feed with our ATN Obsidian 4 app. After connecting your phone or tablet via WiFi to your ATN device, you can see on your phone/tablet screen what is shown in your optic's viewfinder.

Want to see what you've recorded so far? No problem open up the Gallery and playback your latest adventures.

All your photos and videos are right at your fingertips.

In order to download the latest version of the ATN Obsidian 4 app. Please visit the iOS store or Google Play store. Search for "ATN Obsidian 4" install the application.

To connect your ATN device to your smart phone or tablet, you must first enable WiFi on your ATN device via the shortcut carousel. Once enabled, you can access your WiFi settings on your phone or tablet and select the respective SSID (DeviceName_XXXX) to establish the connection. The default password is "atnsmarthd".

Once the connection has been successfully established, open your ATN Obsidian 4 app and your respective device should be shown on the home screen. Tap the button with your devices name to control your device, access live streaming as well as the gallery from your phone or tablet.



[iOS Application](#)



[Android Application](#)

3 YEAR PRODUCT WARRANTY

This product is guaranteed to be free from manufacturing defects in material and workmanship under normal use for a period of 2 (two) 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 or 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. 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 or complete warranty registration on our website at www.atncorp.com. Please complete the included form and immediately mail it to our Service Center: ATN Corporation, 1341 San Mateo Avenue, South San Francisco, CA 94080.

OBTAINING WARRANTY SERVICE

To obtain warranty service on your unit, End-user must notify ATN service department by calling **800-910-2862** or **650-989-5100** or via e-mail **service@atncorp.com** to receive a Return Merchandise Authorization number (RMA).

When returning please 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.

When sending product back, please clearly mark the RMA# on the outside of the shipping box. Please include a letter that indicates your RMA#, Name, Return Address, reason for service return, Contact information such as valid telephone numbers and/or e-mail address and proof of purchases that will help us to establish the valid start date of the warranty. Product merchandise returns that do not have an RMA listed may be refused or a significant delay in processing may occur.

Estimated Warranty service time is 10-20 business days. End-user/customer is responsible for postage to ATN for warranty service. ATN will cover return postage/shipping to continental USA end-users/customers after warranty repair only if product is covered by aforementioned warranty. ATN will return product after warranty service by domestic UPS ground and/or domestic mail. Any other requested, required or international shipping method the postage/shipping fee will be the responsibility of the end-user/customer.



For customer service and technical support, please contact

American Technologies Network Corp.

1341 San Mateo Avenue, South San Francisco, CA 94080

phone: 800-910-2862, 650-989-5100

e-mail: service@atncorp.com

www.atncorp.com