ATN OTS 4T Series

THERMAL SMART HD MONOCULAR



MANUAL

AMERICAN
TECHNOLOGIES
NETWORK
CORP.





CAUTION!

THIS PRODUCT CONTAINS NATURAL RUBBER LATEX, WHICH MAY CAUSE ALLERGIC REACTIONS

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FEATURES

- ULTRA SENSITIVE NEXT GEN SENSOR
- VIDEO RECORD
- SMART RANGE FINDER
- E-COMPASS
- DUAL CORE PROCESSOR
- SHARE ON SOCIAL MEDIA
- ULTRA LOW POWER CONSUMPTION

APPLICATION

ATN has created a new series of thermal monoculars that offers the user a profound new technological experience! The new ATN OTS 4T series delivers a superior value by providing ATN SMART HD features and an improved thermal imaging sensor that exceeds expectations.

This thermal monocular gives you the convenience of thermal imager, allowing you to see what is behind every bush or tree, or in every field. 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 18+ hours of battery life, and the other included features will aid in your recovery efforts and keep you target ready! The ATN OTS 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 hand strap. The control keypad is simple to use and easily manipulated with one hand.

The ATN OTS 4T Smart thermal monoculars is the optic you wanted and have waited for. Whether it is for search and rescue efforts, or for game recovery, these thermal vision monoculars 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

	OTS 4T 384 1.25-5x	OTS 4T 384 2-8x	OTS 4T 384 4.5-18x	OTS 4T 384 7-28x	OTS 4T 640 1-10x	OTS 4T 640 1.5-15x	OTS 4T 640 2.5-25x	OTS 4T 640 4-40x
Item #	TIMNO4381A	TIMNO4382A	TIMNO4384A	TIMNO4387A	TIMNO4641A	TIMNO4642A	TIMNO4643A	TIMNO4644A
Sensor	Gen 4 384x288, 60 Hz				Gen 4 640x480, 60 Hz			
Magnification	1.25 - 5x	2 – 8x	4.5 – 18x	7 – 28x	1 – 10x	1.5 – 15x	2.5 – 25x	4 – 40x
Field of view, degrees	16x12.5	12x9.5	6x4.7	5x3.8	32x25	24x19	12.5x9.7	8.3x6.2
Core	ATN Obsidian IV Dual Core T							
Micro Display	1280x720 HD Display							
Eye relief	25 mm							
Video Record Resolution	1280x960 @ 60 fps							
WiFi (Streaming, Gallery, & Controls)	iOS & Android							
Bluetooth	Yes							
3D Gyroscope	Yes							
3D Accelerometer	Yes							
Smart Range Finder	Yes							

	OTS 4T 384 1.25-5x	OTS 4T 384 2-8x	OTS 4T 384 4.5-18x	OTS 4T 384 7-28x	OTS 4T 640 1-10x	OTS 4T 640 1.5-15x	OTS 4T 640 2.5-25x	OTS 4T 640 4-40x
Electronic Compass	Yes							
Smooth Zoom	Yes							
Microphone	Yes							
MicroSD card	From 4 to 64 GB							
USB, type C	Yes							
Internal Lithium Ion Battery	18 + hrs				16 + hrs			
Waterproof rating / IP rating	Weather resistant							
Human Detection Range	750	960	1800	3000	830	1050	1950	3300
Human Recognition Range	335	480	720	1320	350	530	800	1450
Human Identification Range	205	300	430	720	225	330	475	800
Dimensions	8.7”x3.1”x3” / 220x80x75 mm	8.7”x3.1”x3” / 220x80x75 mm	9.3”x3.1”x3” / 235x80x75 mm	10.2”x3.1”x3” / 260x80x75 mm	18.7”x3.1”x3” / 220x80x75 mm	8.7”x3.1”x3” / 220x80x75 mm	9.3”x3.1”x3” / 235x80x75 mm	10.2”x3.1”x3” / 260x80x75 mm
Weight	1.87 lb / 850 g		1.93 lb / 875 g	1.98 lb / 900 g	1.87 lb / 850 g		1.93 lb / 875 g	1.98 lb / 900 g
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 OTS 4T and check the contents.
- Eyecup
- Monocular Cover
- USB-C cable
- Manual
- Cloth
2. Make sure that nothing is missing.
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 monocular. Plug the cable into a USB wall charger that has an output of 2 amps (Wall Charger not included).

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

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 16 hours on a single charge.

MICRO SD AND USB (TYPE 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 monocular 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.

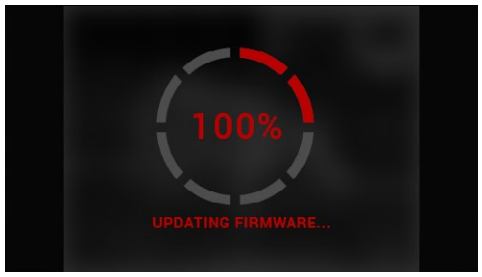
To update the firmware you will need a microSD Card and fully charged internal battery.

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.

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 monocular.
3. Turn ON the monocular.
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 monocular on.

NOTE

If the device does not restart within 30 seconds, press and hold the power button for 15 seconds and the monocular 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 the dialog box "Shut down the device?" appears. Choose "Yes" to turn off.

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



USING YOUR KEYPAD AND SCROLL WHEEL

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 Power and Function buttons in System Menu as Up and Down buttons.
- The Scroll Wheel is used to magnify your target from the Home Screen.



NOTE

Using LEFT or RIGHT buttons in the Menu. You can quickly choose Exit Shortcut from any position. Use the Function Button from any menu screen to exit to the Home Screen by pressing and holding down the Function button 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 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.

MOUNTING ON A TRIPOD

The OTS 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 rotate the device on three axis rotation, as pictured on the left.

NOTE

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

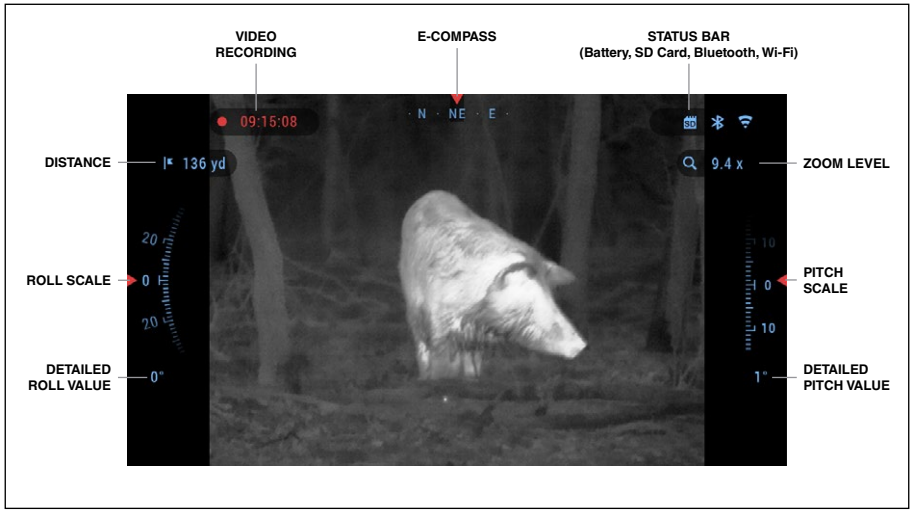
Other possible abbreviations:

- 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

- The E-Compass Scale shows yaw angle based on e-Magnetometer data.
- Roll Scale shows the monoculars cant based on internal 3D Gyroscope.
- Pitch Scale shows monoculars 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.

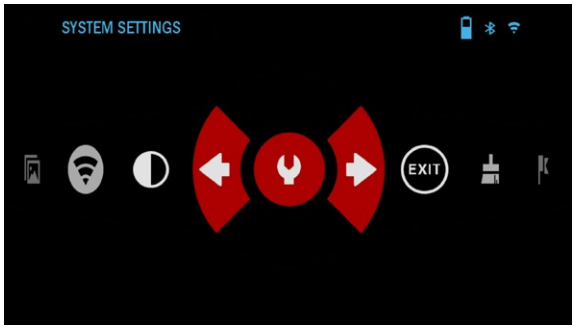
- Battery — shows how much energy is left in the system.
- Micro SD Card — shows the presence or absence (red icon) of memory card.
- Bluetooth, and WiFi — shows when the function is enabled.

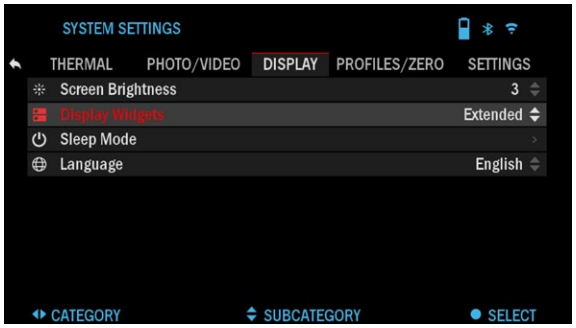
WIDGETS

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 (Video Mode);
- only numerical value (Detailed Roll and Pitch Values);
- icons with a numerical value: Range, Zoom.

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 the Scroll Wheel or Keypad buttons.

Press the OK button to select the Display Widgets. Use the Scroll Wheel or Keypad buttons to change from Extended to Minimal. Press the OK button to confirm the change.

MAIN OPERATIONS

ZOOM LEVEL

Use the Scroll Wheel on the left side of the monocular 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→Settings→Device Type.

TAKING PHOTOS

Press the LEFT button to TAKE A PHOTO.
One press of the button will result in one photo taken.

VIDEO RECORDING

By pressing the RIGHT button, you will be able to RECORD VIDEO. Press the RIGHT button again to stop Video Recording.

NOTE

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

MENU SHORTCUT CAROUSEL

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

MODES

The OTS 4T 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. Range Finder
4. Advanced Shortcut
5. WiFi
6. Gallery
7. NUC
8. Contrast

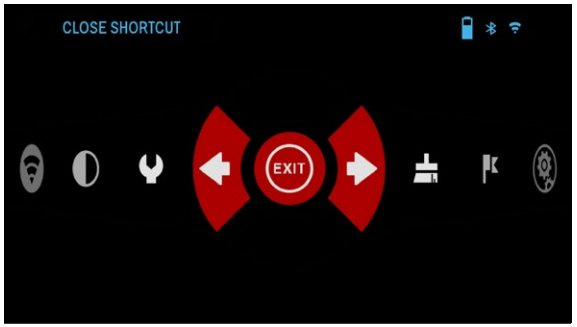
SHORTCUT CAROUSEL

The Carousel is your access to a number of shortcuts that will allow you to quickly access your monocular's features. Click the OK button from Homescreen 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, except with the group of ON/OFF switches (WiFi), use the Scroll Wheel or Keypad buttons between switches.

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).

RANGEFINDER
Activates Smart Rangefinder feature.

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

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

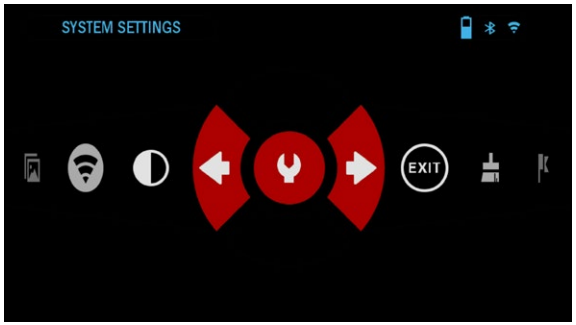
SYSTEM SETTINGS
Allows access to various system options and adjustments.

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

BLUETOOTH
Allows you to connect to ATN Smart accessories, that use Bluetooth, to communicate with your monocular.

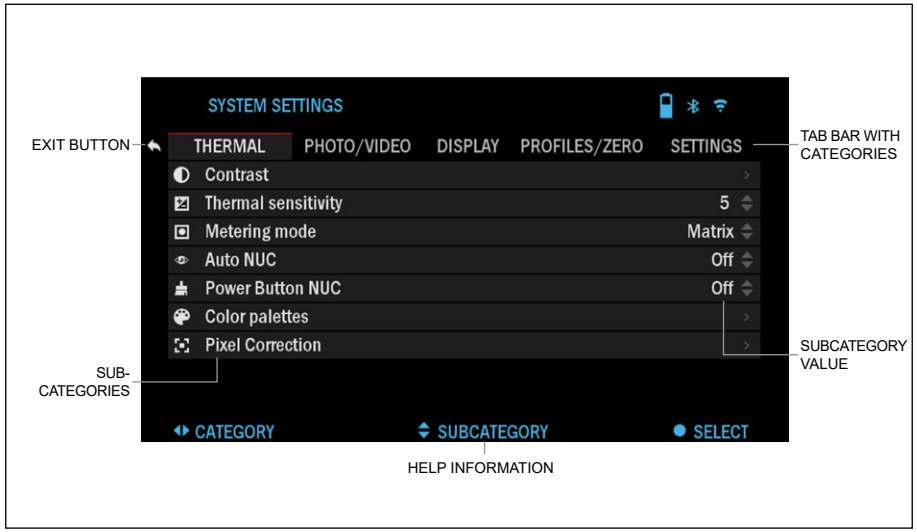
USING SYSTEM SETTINGS

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



Push the OK button to enter the menu.

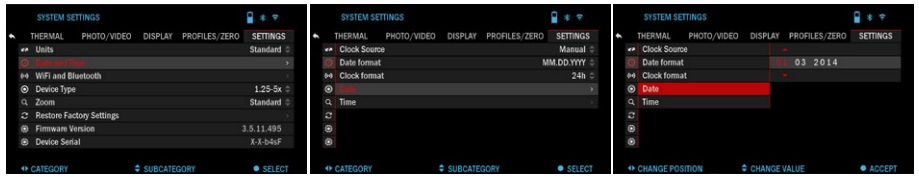
The System Settings consists of a Tab Bar at the top of the screen, list of subcategories in the center and Help Information at the bottom.



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.

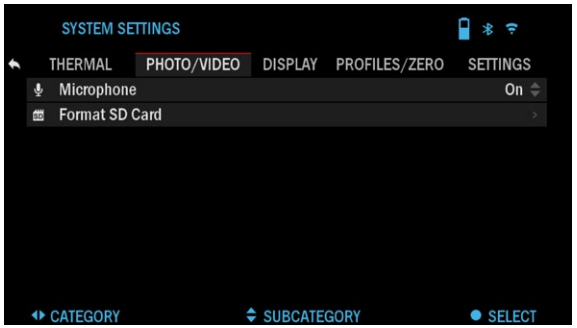
Movement between the tabs is carried out using the LEFT and RIGHT buttons.

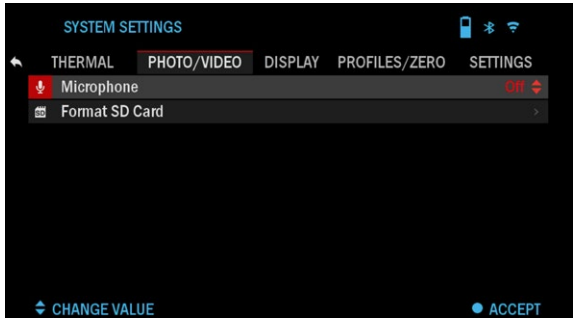
Each tab includes subcategories. To select a particular subcategory you should use the Scroll Wheel or Keypad buttons and press the OK button to select it.



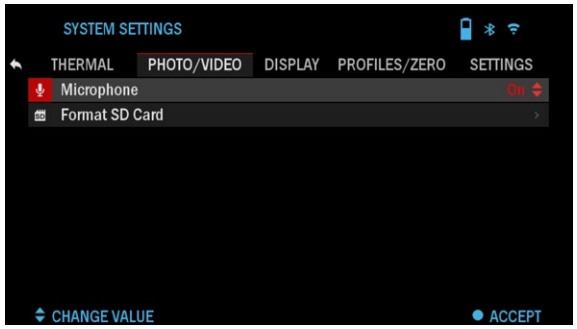
To change a particular value, follow the next few steps. Select the subcategory you need with the Scroll Wheel or Keypad buttons.

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





Change the value with the Scroll Wheel or Keypad buttons.

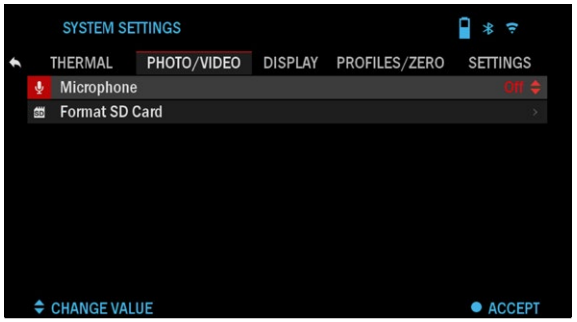


To select a new value, press OK button to confirm the change.

FUNCTIONS

PHOTO MODE

From the Homescreen: press the LEFT button to TAKE A PHOTO.



NOTE

You must have a microSD card inserted in the device for these features to work, and all files will be stored on the microSD card.

PHOTOS

Allows you to take one photo at a time.



VIDEO RECORDING

NOTE

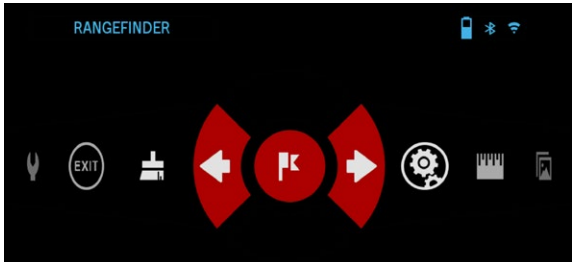
You must have a microSD card inserted in the device for these features to work.

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



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.

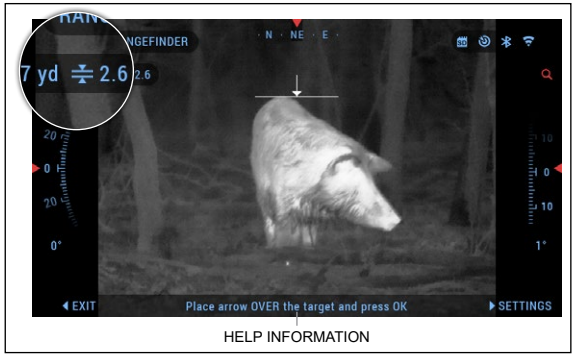
RANGEFINDER



Using the Smart Range Finder will allow you to estimate the distance to your target, as long as you have reasonable knowledge of the size of your target.

NOTE

To have this feature enabled you must activate Advance Mode settings.



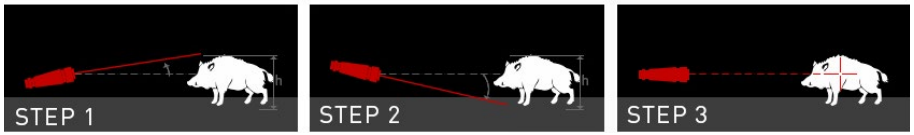
HELP INFORMATION

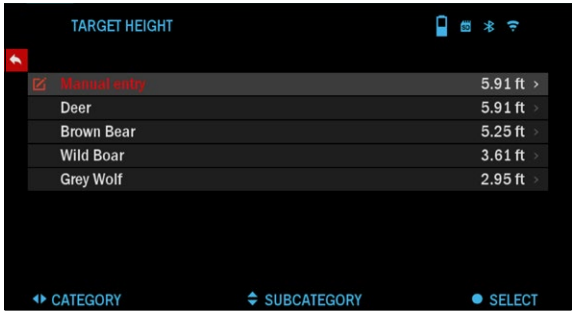
RANGEFINDER

Select the Flag Icon from the Shortcut Carousel. Pressing the OK button will take you to the Main Screen of the Rangefinder feature.

To measure the distance, follow the next steps:

1. Put the arrow-mark on the top of the target and press the OK button, wait for the monocular to take the readings (it will take a number of readings so try to keep your hand steady);





2. Put the arrow-mark under the target and press the OK button;
3. If satisfied with the value that was generated, press the Function button to go back to the Homescreen or repeat steps 1 and 2, if necessary.

NOTE

During the measurement process, you can zoom in and out using the Scroll Wheel.

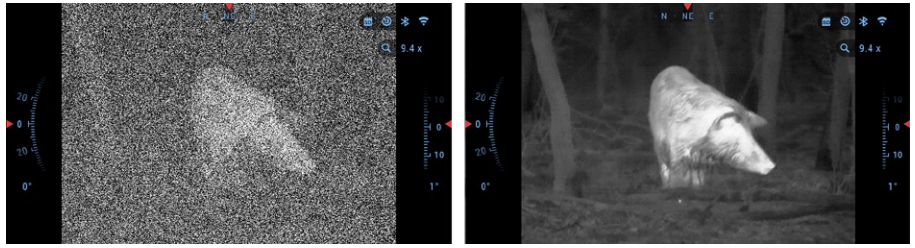
If the Target Height is incorrect you can change it:

- press the RIGHT button to enter the Menu;
- choose one of the presets or input the height manually;
- accept the height with OK button and go back to the Main Screen.

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 Power 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 monocular will perform the required calibration improving the visual quality of the image.

PIXEL CORRECTION PROCEDURE

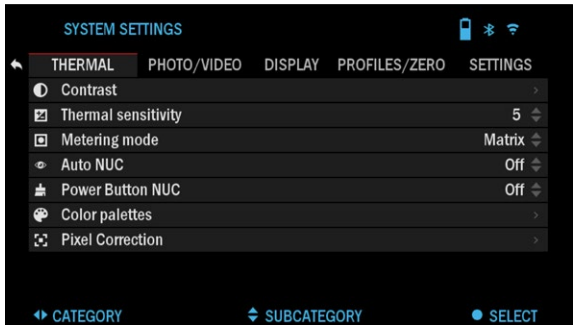
Pixel Correction Procedure is intended to correct "neutral" pixels that are visible in the FOV, but are not responding to the changing environment or scenery. They may be white or black and remain static and or nonresponsive.

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 key pad and Scroll Wheel 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 the Scroll Wheel 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 settings to Low/Medium/High.

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

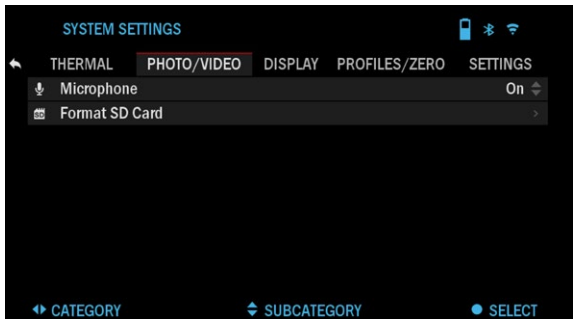
METERING MODE — The Center mode tells the sensor to concentrate on the heat signature in the center of the field of view and ignoring the background.

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.

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

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

PIXEL CORRECTION — This feature 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 non-responsive.

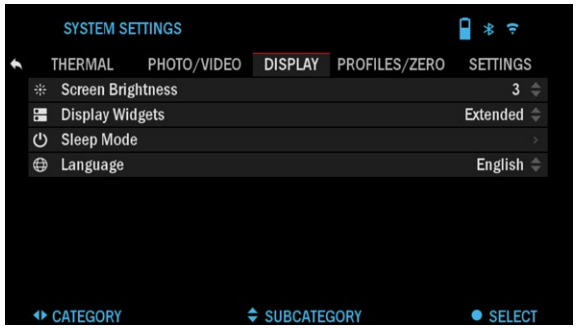


PHOTO/VIDEO

PHOTO MODE — includes Single (capture a single photo).

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

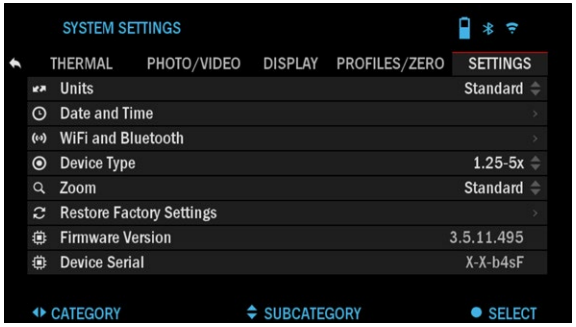
SCREEN BRIGHTNESS. Gives you a 1 to 5 numerical selection, with 1 being the dimmest and 5 the brightest. It is recommended that you use the brightest setting during the day for optimal performance.

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 the scroll wheel.
- ABL — Allows for pairing of the ABL Rangefinder.
- ABL Mode — Allows you to change the mode in which the ABL will function. Standard or Fog mode.
- WiFi Info.

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: 3–14x in Extended mode becomes 3–30x. However, we would like to caution you that you will begin to see considerable pixelation at such a zoom.

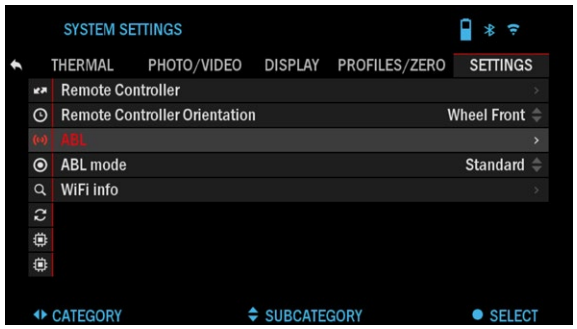
RESTORE FACTORY SETTINGS — allows to reset all the settings to default.

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

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.

ABL PAIRING



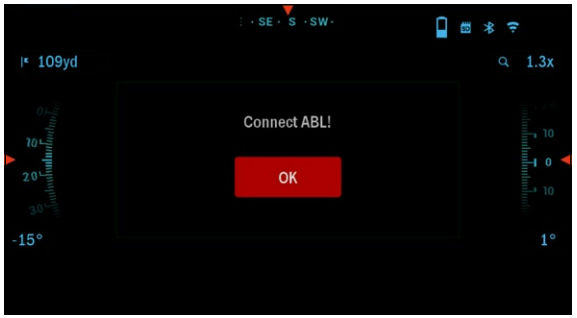
NOTE

Make sure you have the Advanced Settings turned on in the Shortcut Carousel before proceeding.

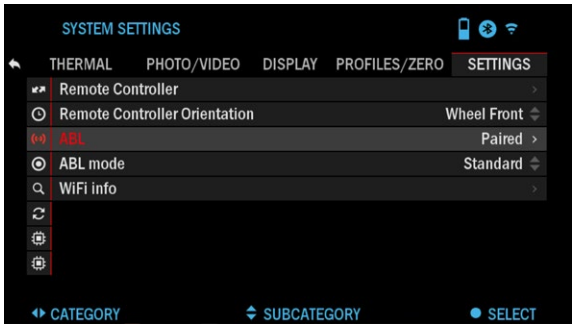
- Insert battery into ABL and turn unit on via power switch.
- Enter the System Settings menu via carousel Wrench icon.



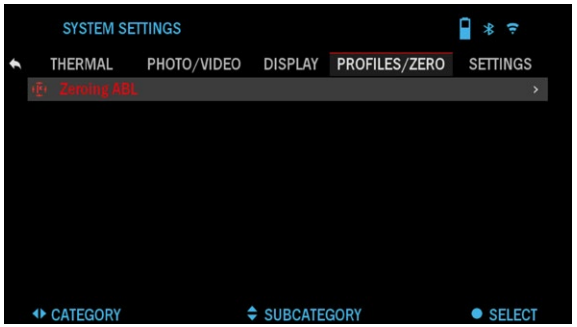
- Navigate to settings menu at far right.
- Select WiFi and Bluetooth option.
- Select ABL option in the menu.
- Select pair from the ABL dropdown menu.
- You'll notice the Bluetooth icon, in the upper right of the display, you will now have a swirling circle around it. This indicates the monocular is searching for available Bluetooth devices.
- Short press the small button on the ABL with the Bluetooth symbol, quickly 2 times.



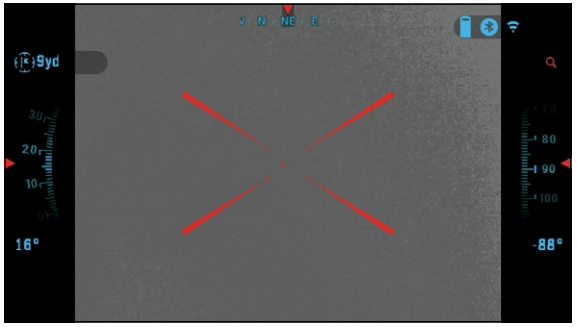
- You'll now see that the Bluetooth icon in the upper right of the display is enveloped in a colored circle. After the pairing has completed, the ABL menu option will display "Paired", to the right.
- Exit the setting menu and proceed to the PROFILES/ZERO menu.



- Navigate down to the Zeroing ABL menu option and select it. The ABL reticle will now appear on screen.
- Having previously removed the Allen screw that covers the visible red laser, you can now move the ABL reticle to the correct area of the display to align the reticle with the infrared ranging laser. The visible red laser is used as a visual reference point for zeroing. Use the arrow keys on the keypad to move the reticle to the correct position.



- Once the box area of the ABL reticle is centered around the red laser, press the OK button to confirm the reticle correction.
- Exit the menu and return to the Homescreen.
- To range a target, press and release the Function button. The ABL reticle will instantly appear on screen. Place the box area of the ABL reticle on the desired target and hold it there until the ranging process times out. You'll now see the range in the upper left of your extended widgets has updated and indicates the correct range to the target you just ranged.



NOTE

If you don't want to wait for the ranging function to time out and need a quick range measurement press the function button to initiate ranging and press it once again to save the range to target.

X-TRAC PAIRING

- Enter the system setting from the menu.
- Select the Settings Category.
- Select the WiFi and Bluetooth subcategory.
- Select Remote Controller.
- Select Pair. You should see a half circle move around in the upper right side of the screen around the Bluetooth Icon.
- Press and hold the Home Button and Top Arrow Button closest to the Directional Roller for 2 seconds, this will pair the X-TRAC to your monocular.

NOTE

If you need additional trouble shooting assistance or how to use the X-Trac please refer to the X-Trac manual available online.

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 monocular 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 monocular 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.

Available on the App Store iOS Application

Google play 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 3 (three) 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.

Notes

For customer service and technical support, please contact

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