

# X-Sight HD Series

## DAY/NIGHT WEAPON SIGHTS



## MANUAL

X-SIGHT USER'S GUIDE (REV. 2, MARCH, 2015)



**AMERICAN  
TECHNOLOGIES  
NETWORK  
CORP.**

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## X-Sight HD 5-18



## X-Sight HD 3-12



**850 mW  
Infra-Red illuminator  
(included)**



# CAUTION!

**THIS PRODUCT CONTAINS NATURAL RUBBER LATEX WHICH MAY CAUSE ALLERGIC REACTIONS.**

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# FEATURES



Day / night



E-compass



WiFi



Altitude



Record video /  
Capture Pictures



Velocity



GPS



E-Zoom



Image stabilization/  
gyroscope



Geotag

# APPLICATION

The ATN X-Sight weapon scopes are powered by the new revolutionary ATN Obsidian Core that runs a suite of sensors to cover all your needs. Perfect clarity in day or night, GPS, Geotag, WiFi, E-Zoom, Record HD Video/Images, Compass, Gyroscope, and much more.

X-Sight — the weapon scope for the 21st century.

# SPECIFICATIONS

Item	ATN X-Sight 3-12x	ATN X-Sight 5-18x
Generation	Smart HD Optics	
Magnification	3-12X	5-18X
Eye relief	67 mm	
IR Illuminator 850	Detachable - 850 mW	
Sensor	HD 1080p ATN L130 Sensor	
Display	800 x 600 px	
Diopter adjustment	±5	
Ports	Micro HDMI, Micro USB, Micro SD	
Power	4 AA type batteries	
Micro SD Card	2 to 32 Gb	
Video Out	1080p at 30 fps & 720p at 60 fps	
Remote View Finder	via IOS or Android app	
Dimensions	9.5" x 3.25" x 3.13" 238 x 83 x 79 mm	10.3 x 3.5 x 3.2" 262 x 88 x 82 mm
Weight	2.3 lb / 1.05 kg	2.7 lb / 1.22 kg

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

# PREPARING FOR OPERATION

## UNPACKING

The following steps must be accomplished prior to each mission where the sight is used.

1. Open carrying case, remove the scope and check contents for completeness.
2. Inspect the scope for obvious evidence of damage to optical surfaces, body, eyecups, operation buttons, etc. Ensure that all optical surfaces are clean and ready for use. Clean with lens tissue.

## INSTALLATION OF BATTERIES

The X-Sight HD will operate with four AA batteries type.

Install AA batteries as follows:

1. Remove the battery cap by unscrewing it counter clockwise.
2. Insert batteries as shown.
3. Replace battery cap into the housing. Screw clockwise until finger tight. Do not over tighten as it will be difficult to remove the next time you replace batteries.

### NOTE

***We highly recommend using lithium AA batteries. They will provide much longer battery life.***

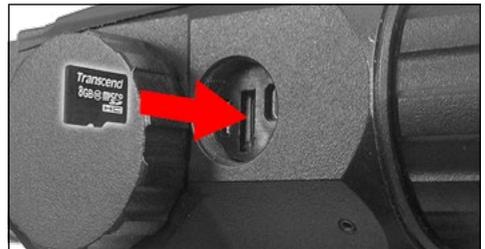
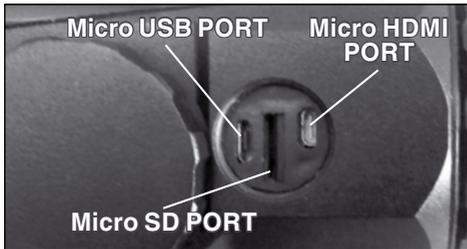


## USB, HDMI AND SD PORTS

### NOTE

***You must have an SD card inserted in the device in order to be able to update the scope with the latest firmware as well as utilize the WiFi mode.***

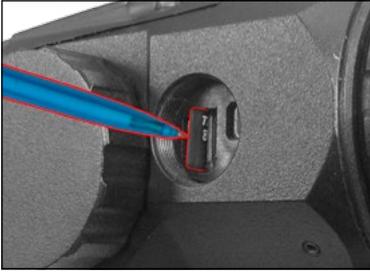
X-Sight HD has Micro SD, Micro USB and Micro HDMI ports.



Insert MicroSD card as follows:

1. Remove X-Sight HD has Micro SD, Micro USB and Micro HDMI ports cap by unscrewing it counter clockwise. Assure that the X-Sight power is turned OFF before inserting the card into the slot.
2. Insert Micro SD card as shown.

3. Replace port cap into the housing. Screw clockwise until finger tight. Do not over tighten as it will be difficult to remove.



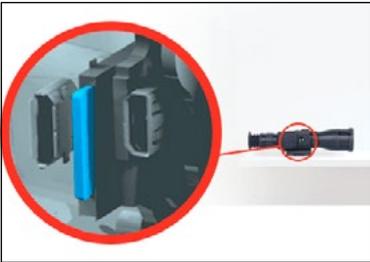
#### **NOTE**

*There is only one correct direction to insert the Micro SD card. Do not force the card into the slot as it may damage both the camera and the Micro SD card. Insert the card, as indicated.*

*A new Micro SD card should be formatted before using.*

#### **NOTE**

*To lock when inserting Micro SD card in the slot, push it a thin object (a small coin, paper clip, toothpick, ballpen) until it clicks into place. To remove the Micro SD card from the slot, push it in the same thin object. When it pops up a few millimeters, it can pull with your fingers or tweezers.*



#### **NOTE**

*If you are going to record video then Micro SD Card should be of Class 10.*

## **FIRMWARE UPDATE**

#### **NOTE**

*Before operating your X-Sight please update the firmware to the latest version.*



To Update Firmware:

1. Please register your scope at <http://www.atncorp.com/firmware/xsight>
2. Download latest firmware file.
3. Copy or transfer that file to your Micro SD Card.
4. Make sure that your X-Sight is turned OFF
5. Insert Micro SD card into your X-Sight
6. Turn ON X-Sight and follow prompts on the screen.
7. At the end of the firmware when X-Sight is turned OFF, remove the memory card.
8. Turn ON X-Sight and wait until the firmware is installed.

#### **NOTE**

*You must make sure that the batteries in the X-Sight are fully charged before updating your device. In the event of a power failure during an updated the X-Sight may need to be sent back to the factory for service.*

## ON/OFF

To turn ON your device please press and hold the POWER button.

To turn OFF your device please press and hold the POWER button — you will see “device shutting down” with a count down, please continue to hold the POWER button throughout the entire cycle.



## USING YOUR KEYPAD

The Keypad on the X-Sight is designed to be **tapped not pressed and held!**

When using each key on the keypad to operate the X-Sight please be aware that you need to tap each key. Hold a key **no longer** than 1 second.

### NOTE

**There are two exceptions to the rule: ON/OFF** — when turning the unit ON you need to press and hold the POWER button for a few seconds. When turning the unit OFF you need to press and hold it for 3 seconds; you will see “device shutting down” with a count down on the screen. It’s done to make sure that you do not turn off the device accidentally by tapping the wrong key.

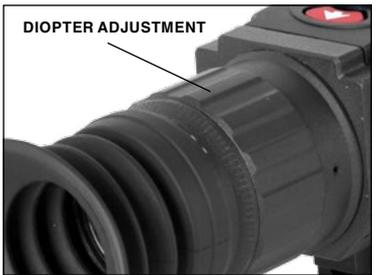
**ZOOM** — by pressing and holding the UP or DOWN button you will be able to Zoom IN and OUT your device.

## FOCUSING X-SIGHT

X-Sight HD focuses as follows:

1. Turn On Device — turn on X-Sight by holding the Power Button down for more than 3 seconds.

2. Diopter Adjustment — Do not take the Rubber Cap off the Objective lens. Look through the eyepiece while focusing on the reticle on the screen. By rotating the Diopter Adjustment you will achieve optimal sharpness for your vision.



### NOTE

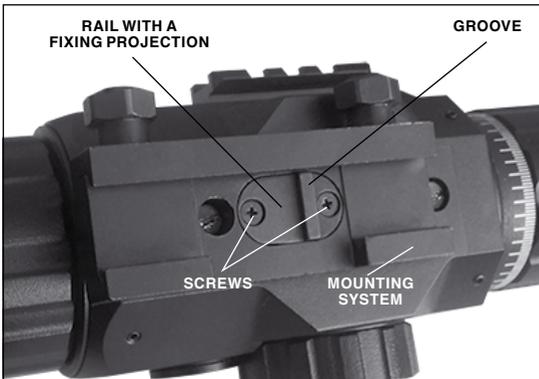
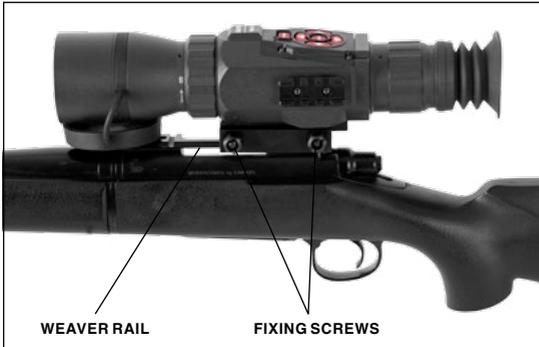
**You should not need to re-adjust the Diopter Adjustment unless another user with different vision than yourself will be using the scope.**

3. Distance Focus — Remove the Cap from the Objective Lens. Adjust the focus ring as necessary to achieve proper focus at various distances.



## MOUNTING

1. Slightly loosen the fixing screws on the 7/8" weaver mount built into the scope.
2. Place the scope on the weaver rail of the fire arm.
3. Tighten the fixing screws.



### NOTE

**Fixing screws may need to be tightened after continuous shooting.**

In the event that you need more fine adjustments on your rail you can use the "Rail With Fixing Projection". This will allow you to adjust the groove by 1/3 of an inch.

To change the position of the "Rail With Fixing Projection" follow the steps mentioned below:

1. Unscrew the two screws, which attach the rail to the mounting bracket.
2. Take the rail out of the mount.
3. Reposition Rail With Fixing Projection About-face.
4. Fix the rail with the two screws.

### NOTE

**We recommend using "Loctite" to make sure the screws will not loosen during shooting.**

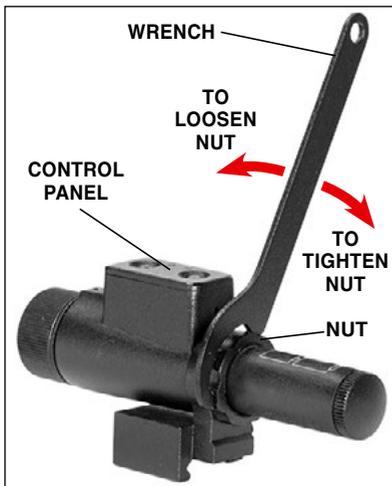
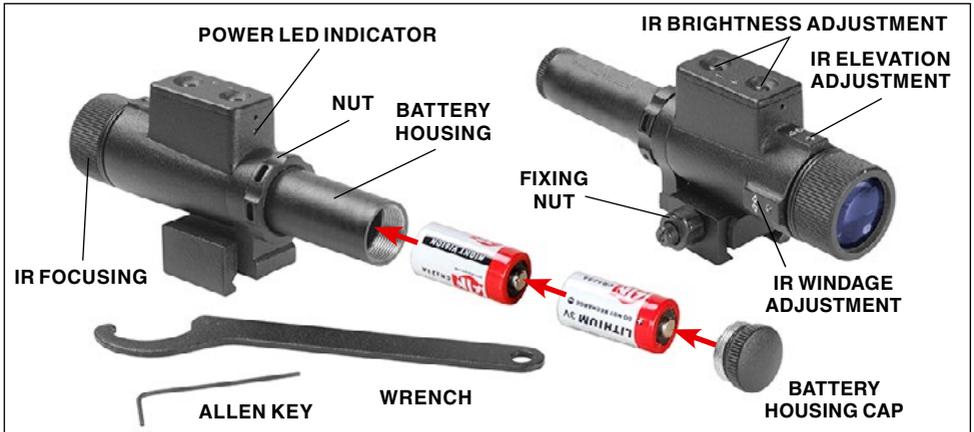
## LONG RANGE 850 MW INFRA-RED ILLUMINATOR

Infra-red (IR) Illuminators are common for night vision technology. The IR light greatly enhances the performance of your device, while remaining almost totally invisible to the naked eye. Staying in the dark, switch on your night vision device. If the visibility is low, you may use ATN IR850 to improve the situation. Still, you should remember that the IR illuminator is just a source of infrared light so the greater is the chosen range of observation, the lesser its brightness becomes.

The ATN IR850 is powered with two CR123A lithium batteries. To install batteries unscrew the cap of the battery housing and insert batteries following the polarity arrows marked on the housing. Put the cap in place.

The IR850 illuminator has a control panel with two buttons. To switch the IR illuminator on/off press "+" and "-" buttons simultaneously. When the IR illuminator is switched on you can see the green LED lit on the back side of IR850. By pushing the buttons "+" and "-" you may adjust the IR brightness.

The IR beam is focusable to change the field of coverage. To change the beam width slightly turn the IR lens.



You may need adjust the focusing of the IR beam to change the field of coverage. Do it by slightly rotating the IR lens. The windage and elevation screws help adjust the direction of the IR beam from the IR850 in order to focus on the scene observed in the viewfinder of your NVD. Use the included Allen wrench to rotate the adjusting screws until the IR beam is centered. Please remember the adjustments should be performed in darkness or semi darkness (an IR beam is greatly diminished and may not be noticeable at all during daylight conditions).

You can change the position of the IR control panel to meet your needs. The wrench that is included in the set, is used to loosen the nut located on the body of the IR. Rotate the IR to the desired position. Tighten the nut with the wrench to secure the new position.

## COMPASS CALIBRATION

If the compass shows the device incorrectly — please calibrate each time you turn on the device.

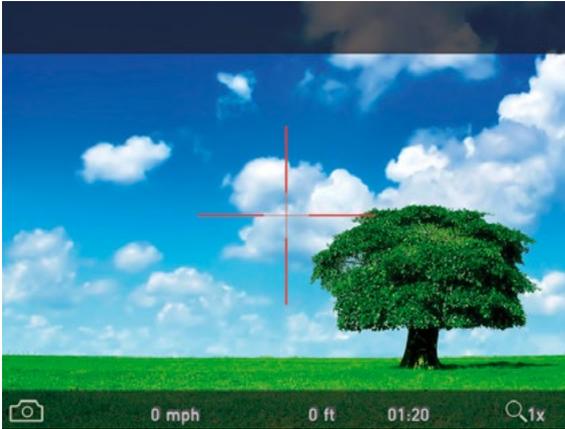
1. Try to stay away from magnetic fields as far as you can.
2. Put the device on a flat surface.
3. Move the X-Sight slowly, 5 seconds per full rotation is OK. The direction of rotation doesn't matter.
4. Rotate the X-Sight three full cycles around the axis pointing upward.
5. Rotate the X-Sight three full cycles around the axis pointing away from you.
6. Rotate the X-Sight three full cycles around the axis pointing right.



Using the compass, remember that the maximum accuracy is achieved when the device is in a horizontal position relative to the ground.

# OPERATION

## INFO BAR(S) AND HOME SCREEN



Screen with the bottom banner

Turn on the device. Press and release ENTER button once.

Once pressed you will see a number of indicators appearing around the screen providing you useful information on your environment. Example: Velocity, Elevation, Clock, Zoom Level, etc...

### NOTE

*The information on the bottom of the screen will stay on for a set period of time. If you wish for the information to be constantly displayed on the screen please move the information to the top of the screen (see Settings).*

Double Tap on the Enter button to go into Home Screen.

Home Screen provides you quick commands as well as visual cues to their use. To move between Icons once they appear on the screen use LEFT and RIGHT buttons.

Currently, Home Screen has the following four Icons:



Photo / video mode



Day/night mode



Brightness



Menu



## VIDEO/IMAGE CAPTURE

**Photo/Video Mode** — this is your standard mode of operation and will allow you to quickly and easily capture Photos, record Videos and Zoom IN and OUT. Use the keys indicated on screen to activate either image capture or record video.

**Example:** Tap LEFT button to capture a photo.

## NOTE

*The Photo/Video Icon does not need to be on screen for these buttons to work. You must simply have selected the mode for these buttons to be activated.*

## NOTE

*You will not be able to capture photos while recording a video.*

You must have a Micro SD card inserted in the device for these features to work. All files will be stored on the Micro SD card.

**Menu > Capture** contains a number of settings for Video and Photo Capture.

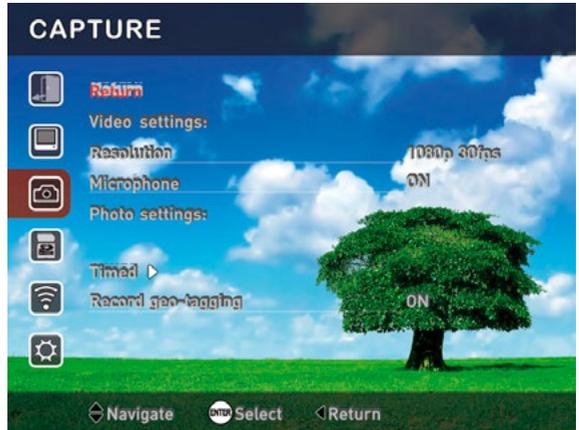
- **Resolution** — X-Sight records in two video modes: **1080p @ 30fps** — Standard Full HD or **720p @ 60fps** — Slow Mode in HD.

- **Microphone** — X-Sight has a built-in Microphone that may be turned ON or OFF for recording Videos.

## NOTE

**60fps — Slow Mode in Day Mode only.**

*It may best to turn OFF the Microphone in conditions of extreme wind.*

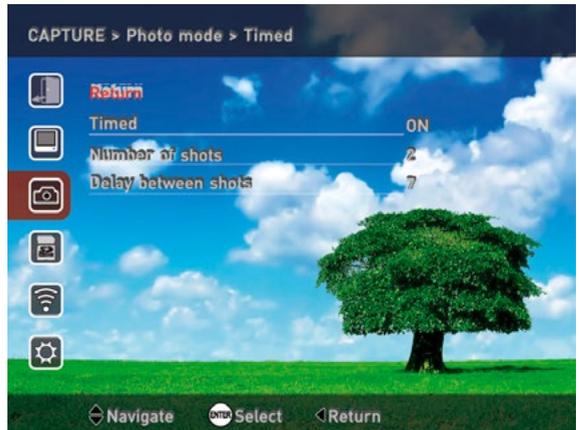


**Timed** — you may turn Timed ON or OFF. If Timed ON, X-Sight will do a series of shots. If Timed OFF, X-Sight will do one shot.

If Timed ON, the following settings are available:

- **Number of shots** — The number of shots in burst. Select the value from 2 to 10.

- **Delay between shots (sec)** — It's interval between shots (sec). Select the value from 2 to 15.



## GEO-TAGGING

**Menu > Capture** contains of settings for Record Geo-Tagging.

**Record Geo-Tagging** — all photos and Videos captured by X-Sight may have Geo-tags attached to them. Geo-tags are additional data files that allow the user to capture information on the exact location of where photos or videos were taken from. Geo-tags are saved in the special GPX or KML files on Micro SD card. Using

special software, the information recorded in GPX file can be viewed on the various cartographic resources as the trajectory.

(Please see [Geo-tagging](#) for more information.)



### **NOTE**

*The KML files are available only on Google resources (Google Maps and Google Earth).*

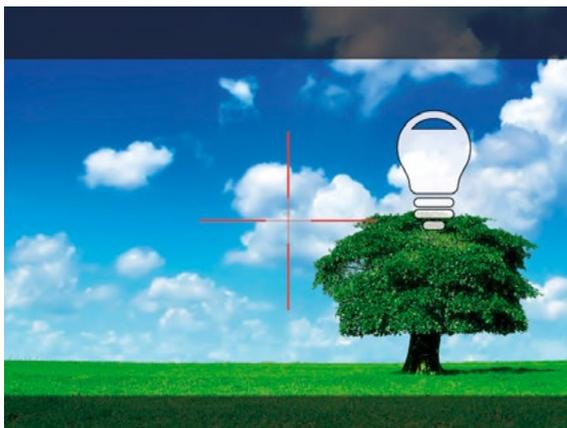
### **NOTE**

*If GPS turn OFF, the Geo-Tagging does not work.*



## **BRIGHTNESS**

Tap once on the ENTER button to select brightness of your display. You will see a brightness indicator as visualized by a light bulb.



You may use LEFT and RIGHT buttons to adjust brightness of your display to your desired level.

You can also change the **Brightness** in the Menu (see Display section). This is your setting for the display ranging from 1 to 5.



## NIGHT VISION MODE

### Day/Night Mode

Tap once on the ENTER button to switch between Day and Night Mode.

Please note that turning on Night Mode during Daylight will NOT HARM your device, however you may not be able to see anything due to the image being too bright. In that event we recommend that you switch back to Day Mode or move into a darker environment.

#### NOTE

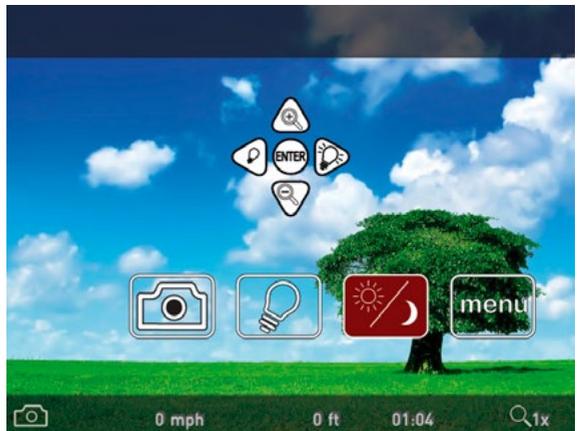
*We highly recommend using the IR Illuminator included with your X-Sight.*

#### NOTE

*IR Illuminator is effective only in night mode.*

### B&W/Green

While having Day/Night Mode ICON selected on the screen you may use the DOWN button to change between Black and White night mode and Green night mode. Simply tap the DOWN button to move between modes.



Day Mode



Night Mode (Green)



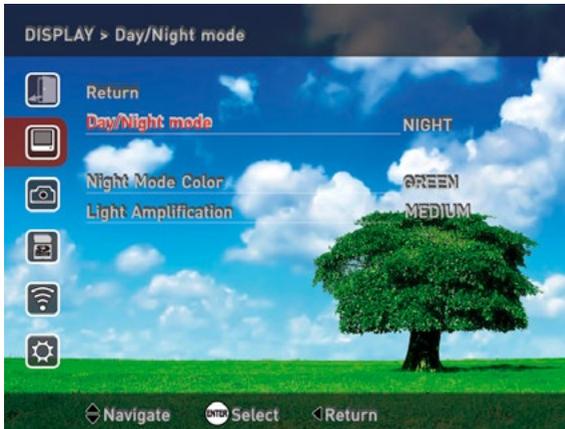
Night Mode (White)

## Light Amplification

Also you may use the UP button to change Light Amplification mode. HIGH, MEDIUM, LOW selection are possible.

### NOTE

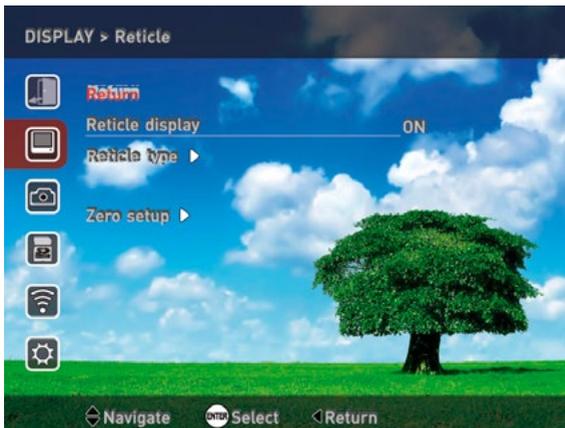
**Light Amplification does not change when changing color modes.**



**Menu > Display > Day/Night Mode** — these same settings may be adjusted in your Home Screen Day/Night ICON.

- **Day/Night Mode** — DAY or NIGHT selection are possible.
- **Night Mode Color** — WHITE or GREEN selection are possible. White indicated Black & White mode.
- **Light Amplification** — HIGH, MEDIUM, LOW selection are possible.

## RETICLE SELECTION



### Menu > Display > Reticle

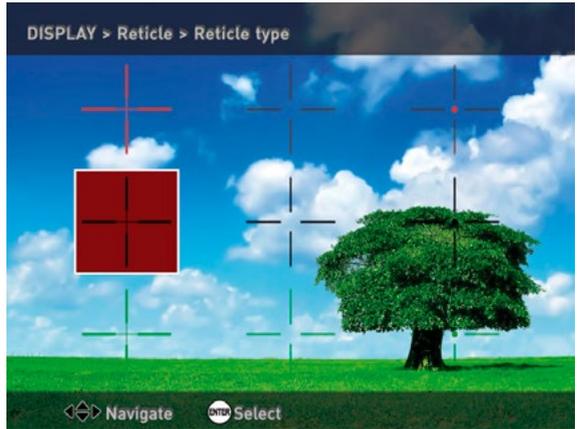
**Reticle** — all Reticle settings including the Zeroing-in of your X-Sight are located here.

**Reticle Display** — you may turn the Reticle ON or OFF. Turning the Reticle off may be useful when using the X-Sight for observational purposes only.

**Reticle Type** — tap ENTER button to select desired Reticle and return to previous screen.

**NOTE**

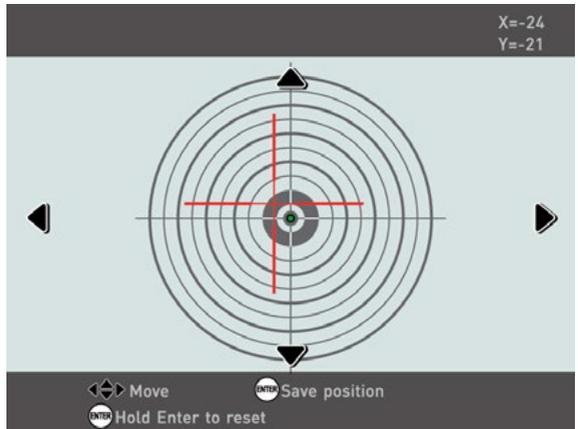
*We plan to add additional Reticles in the future firmware releases and when added they will appear in the Reticle Type section.*



## ZEROING IN.

### Single shot zero instructions

1. Power on device.
2. Press the “ENTER” button twice to bring up your menu icons, use the keypad arrows to select “MENU” and press “ENTER”.
3. Select “DISPLAY”.
4. Select “RETICLE”.
5. Select “Zero Setup”.
6. Aim at your target (preferably bullseye).
7. Shoot your target while keeping your reticle on the bullseye.



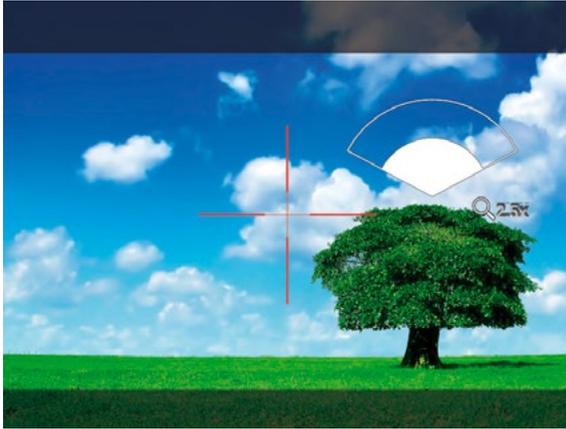
8. Using the keypad arrows, move your reticle to the point of impact and press “ENTER” to save the new reticle location. This will be your weapon’s zero.

**NOTE**

*After setting your zero once, the red dot will always be your screen’s center, and the green dot will be your previous zero.*

**NOTE**

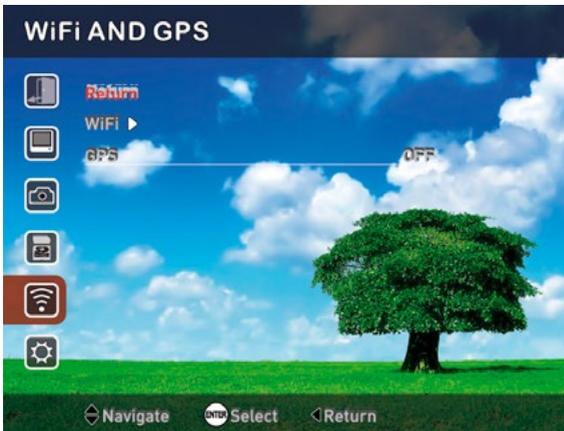
*Upon pressing “ENTER” when saving your zero, you will be directed to the previous screen. If you would like to confirm your zero, repeat step 5.*



## ZOOM

**ZOOM** — by pressing and holding the UP or DOWN button you will be able to Zoom IN and OUT your device.

## WiFi/GPS



### Menu > WiFi and GPS

Setting for your WiFi and GPS are contained here.

**WiFi** — Turn the X-Sight's WiFi ON or OFF. Please be aware that the Obsidian Core powering your X-Sight is in essence a miniature computer and just like any computer it does take time to fully boot up its WiFi. Please wait between 1 to 3 minutes after first turning ON your WiFi before attempting to connect to your X-Sight.

### NOTE

*We highly recommend that WiFi is kept OFF when not in use due to severely increasing your X-Sight's power consumption and draining its batteries.*



- **SSID** — this is name of your X-Sight's WiFi.

- **Password** — password for your X-Sight's WiFi.

- **MAC** — your unique MAC address.

**GPS** — Turn the X-Sight's GPS ON or OFF.

## NOTE

*We highly recommend that GPS is kept OFF when not in use to reduce unnecessary power consumption.*

*GPS may not function correctly indoors or in environments where the signal to the GPS antenna is blocked. The GPS antenna resides on top of the X-Sight and underneath the GPS/Wi-Fi indicator.*

## CUSTOMIZE THE NAME AND PASSWORD OF SSID

**Create the WiFi config file. This step is performed only once**

1. Insert an SD card, power up the device and turn on the WiFi.
2. Wait for the WiFi icon appear and remove the card.

**For every device that needs to be updated**

1. On the SD card open and edit the following text file:

**/MISC/wifi.conf**

2. Find the line that starts with AP\_SSID (most likely line number 26) and change it from: **AP\_SSID=atn\_obsidian**  
to: **AP\_SSID=<whateverNewSSID>**

and save the wifi.conf file

## NOTE

*There are several other lines that have keys with the value "atn\_obsidian." Do not confuse them, you are only changing the AP\_SSID.*

3. Start the device with the SD card inserted.
4. Start the WiFi if it's not currently running.
5. It is now safe to remove the SD card (the new SSID is saved in the device's internal memory).

```
##### SoftAP configuration #####
# SSID (1 ~ 32 characters)
AP_SSID=atn_obsidian
# IP address
LOCAL_IP=192.168.42.1
# IP subnet mask
LOCAL_NETMASK=255.255.255.0
# IP pool starting address of DHCP server
DHCP_IP_START=192.168.42.2
# IP pool end address of DHCP server
DHCP_IP_END=192.168.42.6
# Wifi channel number, set 0 to use Auto Channel Selection|
AP_CHANNEL=0
# Maximum number of stations allowed in station table
AP_MAXSTA=5
# If you say yes here, all WPA/WEP settings will be ignored
AP_PUBLIC=no
# WPA Passphrase (8 ~ 63 characters)
AP_PASSWD=atn_obsidian
```

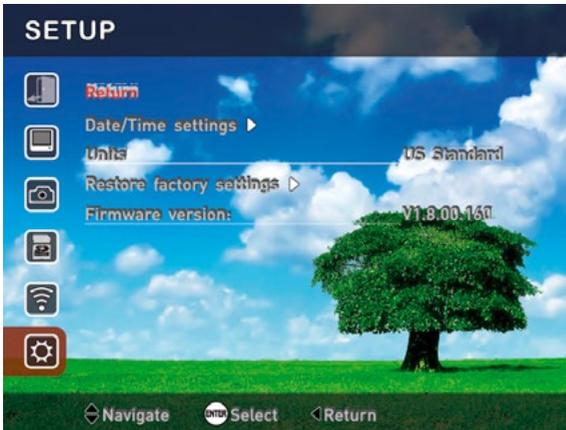


## INDICATOR POSITIONS

The Display screen contains a Indicator Positions (Compass, Speedometer, Altitude, Clock).

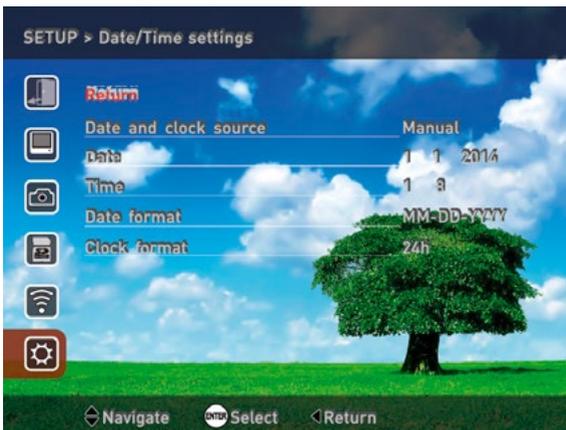
### NOTE

*If you are going to use Compass it's desirable to calibrate (see "[Compass calibration](#)") it after you switch ON the device.*



## SETUP

Setup contains a number of settings for Date/Time, Units, etc.



### Date/Time settings

• **Date and clock source** — Manual / WiFi. If you select WiFi, you can set date and time on your device using [our application](#). It is enough to choose Date or Time item on the screen Settings and set the required numbers.

- **Date** — set date
- **Time** — set time
- **Date format** — select the date format (MM-DD-YYYY / DD-MM-YYYY / YYYY-MM-DD).

- **Clock format** — select the time format (12h / 24h).
- **Units** — US Standard/Metric.
- **Restore factory settings.** If you select this item, you will see a warning message. Select the desired setting by using the LEFT-RIGHT buttons, and press ENTER.
- **Firmware version.** It shows the current firmware version of the X-Sight.



# SERVICING X-SIGHT AND FAQ



## CLEANING EYEPIECE

Over time debris or dust particles may find themselves on the micro display in your eyepiece. Please follow the following instructions to remove the debris.

1. Remove the Eyepiece — by first loosening the two Set Screws that hold the Eyepiece in place (you will need a 1.5 mm hex key). Then unscrew the eyepiece and remove it entirely.

### NOTE

**Once the set screws have been loosened the eyepiece should be relatively easy to unscrew, do not use excessive force.**

2. To clean the Micro Display — we recommend using a compressed air canister. Just blow the air all around the micro display and then blow the air on the display itself. The plastic screen covering the display will bend under the air pressure and will allow burst of air inside of the micro display housing.

3. Replace Eyepiece — check if all debris has disappeared from your view. If more debris remains Repeat Step 1 and 2.

### NOTE

**Do not forget to re-tighten the Set Screws after completing your cleaning. Do not over tighten.**

## CLEANING THE LENSES

### CAUTION

- **The scope is a precision electro-optical instrument and must be handled carefully.**
- **Do not scratch the external lens surfaces or touch them with your fingers.**

## FREQUENTLY ASKED QUESTIONS

**Q:** How to remove the Micro SD Card from the SD slot?

**A:** Push the SD Card with a thin object (a small coin, paper clip, toothpick, ball-point pen, etc).

**Q:** How to install the X-Sight newest firmware?

**A:** To update the firmware to the latest version please refer to section [Firmware Update](#).

**Q:** What size photos are taken by the X-Sight?

**A:** Full HD (1920×1080 px).

# TROUBLESHOOTING

The table below lists common malfunctions that you may find with your X-Sight.

This table cannot list all the malfunctions that may occur, all the tests and inspections needed to find the fault, or all the corrective actions needed to correct the fault. If the equipment malfunction is not listed or actions listed do not correct the fault please contact our Customer Service for further assistance.

## OPERATOR’S TROUBLESHOOTING

Malfunction	Test or inspection	Corrective action
1. X-Sight fails to turn ON.	<p>Check Power Button</p> <p>Check for defective, missing or improperly installed battery.</p>	<p>To turn ON your device please press and hold the POWER button. Hold for at least 2-3 seconds.</p> <p>Replace battery or install correctly.</p>
2. Poor image quality.	<p>Check objective lens or eyepiece lens focus.</p> <p>Check for fogging or dirt on objective lens or eyepiece lens.</p>	<p>Refocus per section <a href="#">“Focusing X-Sight”</a>.</p> <p>Clean lens surface per section <a href="#">“Cleaning the lenses”</a>.</p>

## WARNINGS AND CAUTIONS

- Always remember to turn off the X-Sight when it is not in use. If you do not plan on using your scope for a period of more than 10 days, you should remove the batteries.
- Keep lens cap on when not in use.
- Avoid contact with dust, steam, and gas.
- The scope is not harmful to the user or the environment.
- Do not disassemble: it will void your warranty.
- This product contains natural rubber latex which may cause allergic reactions.

## WARRANTY

Please visit [www.atncorp.com/warranty](http://www.atncorp.com/warranty) for warranty details and information.

Please make sure the create a separate warranty file that can be downloaded inside the Support Download section of the device. Also, please make sure to take out all references of Voiding warranty if the device is used during Daytime Operation.

# APPLICATIONS



## MOBILE APPS (ANDROID, IOS)

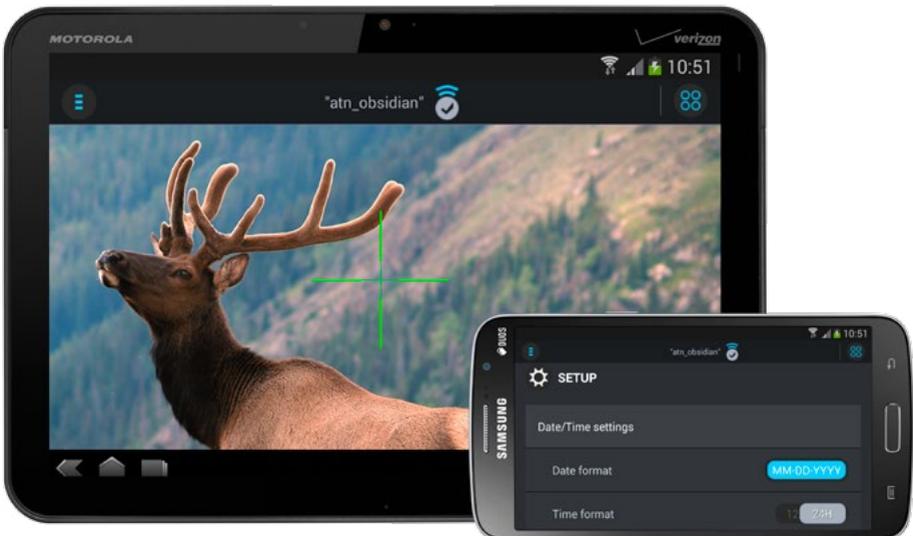
In order to take advantage of a number of functions and WiFi connectivity you will need to download either an iOS or Android App. Currently, we offer apps for Apple and Android devices.



## ATN OBSIDIAN FOR ANDROID

1. [Download & Install](#)  – ATN Obsidian 
2. Turn On WiFi inside the X-Sight (see [WiFi](#)). Make sure to note both the name of the X-Sight's WiFi network as well as its password. It may take several minutes for the WiFi network to come up.
3. Go to Settings on your Mobile device. Open WiFi and find your X-Sight's network. Connect to it using the password. Close Settings.
4. Open ATN Obsidian . Your mobile device should now be connected to your X-Sight.

### About Obsidian App



The "Obsidian" mobile application is intended to operate remotely the devices of the new ATN Company batch.

To operate the device with the help of the “Obsidian” application you need to connect to the Internet via Wi-Fi on the device.

After launching Wi-Fi go to Wi-Fi net settings of your mobile device, choose the name of Wi-Fi net for your device from the list (the default name “atn\_obsidian”) and connect to it.

Launch “Obsidian” program on your mobile device. In case your mobile/tablet connected correctly the buttons on the main screen of the application are to be back-lighted.

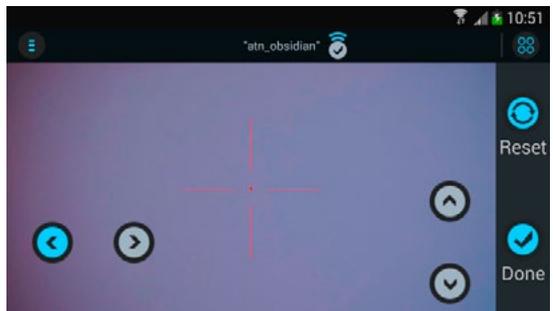
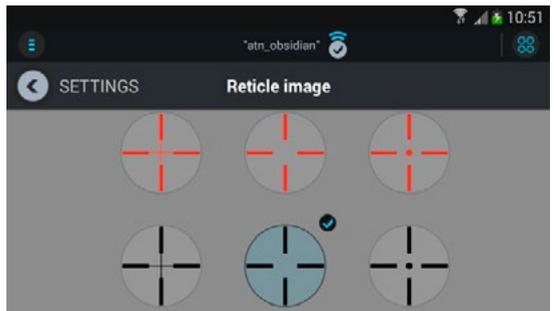
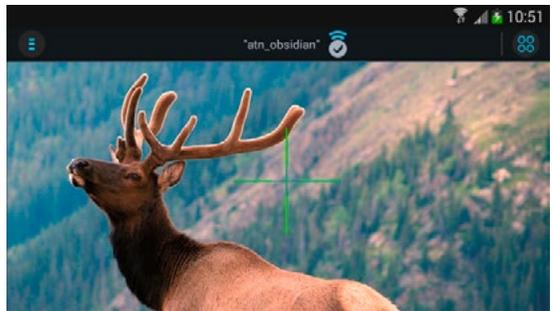
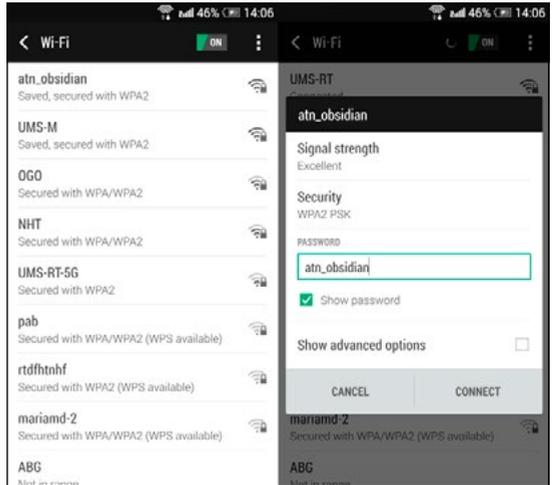
The application allows using the viewfinder mode and provides a large range of your device settings giving the possibility for remote operation.

You can also set Date/Time on your device using our application. It is enough to choose “Date”/“Time” item in “Settings” screen and enter the required numbers.

### Main functionality

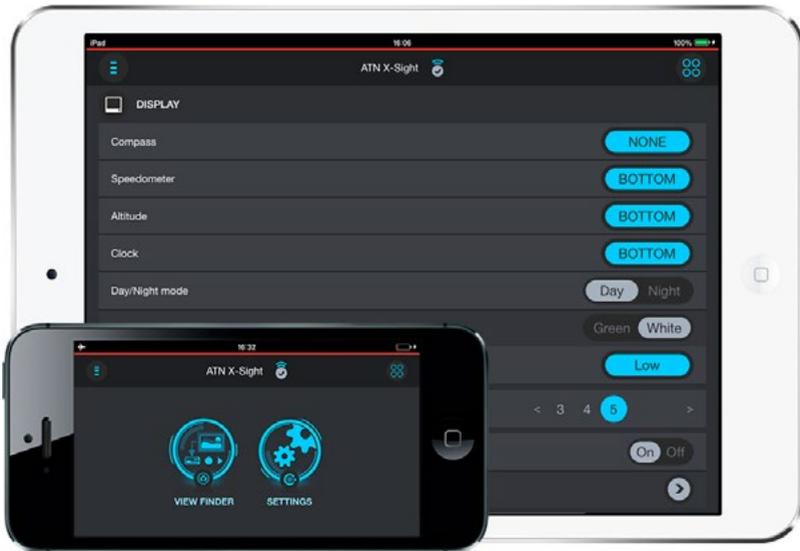
Viewfinder functionality provides users with an ability to watch a video stream in real time on the screen of mobile device from X-Sight device.

Settings screen gives the user a lot of settings of X-Sight device for detailed tuning. Moreover, the “Settings” menu contains special reticle’s settings - the user is able to choose the color and the type of the reticle, and adjust the position of the reticle over the viewfinder video stream, remotely via WiFi.



# ATN OBSIDIAN FOR IOS

1. [Download & Install](#)  ATN Obsidian 
2. Turn On WiFi inside the X-Sight (see [WiFi](#)). Make sure to note both the name of the X-Sight's WiFi network as well as its password. It may take several minutes for the WiFi network to come up.
3. Go to Settings on your Mobile device. Open WiFi and find your X-Sight's network. Connect to it using the password. Close Settings.
4. Open ATN Obsidian . Your mobile device should now be connected to your X-Sight.



## About Obsidian App

The “Obsidian” mobile application is intended to operate remotely the devices of the new ATN Company batch.

To operate the device with the help of the “Obsidian” application you need to connect to the Internet via Wi-Fi on the device.

After launching Wi-Fi go to Wi-Fi net settings of your mobile device, choose the name of Wi-Fi net for your device from the list (the default name “atn\_obsidian”) and connect to it.

Launch “Obsidian” program on your mobile device. In case your

mobile/tablet connected correctly the buttons on the main screen of the application are to be back-lighted.

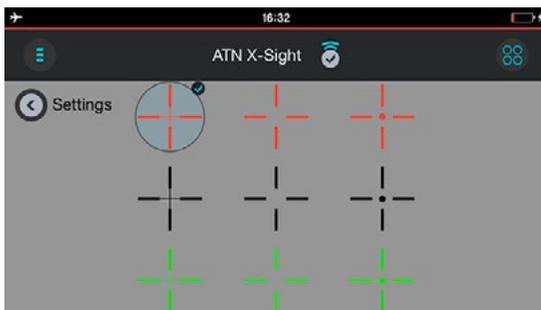
The application allows using the viewfinder mode and provides a large range of your device settings giving the possibility for remote operation.

You can also set Date/Time on your device using our application. It is enough to choose "Date / Time" item in "Settings" screen and enter the required numbers.

### Main functionality

Viewfinder functionality provides users with an ability to watch a video stream in real time on the screen of mobile device from X sight device.

Settings screen gives the user a lot of settings of X-Sight device for detailed tuning. Moreover, the "Settings" menu contains special reticle's settings — the user is able to choose the color and the type of the reticle, and adjust the position of the reticle over the viewfinder video stream, remotely via WiFi.



## VIDEO TUTORIAL

Video tutorial can be found here: <https://youtu.be/Gj7aM7LwNSk>

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