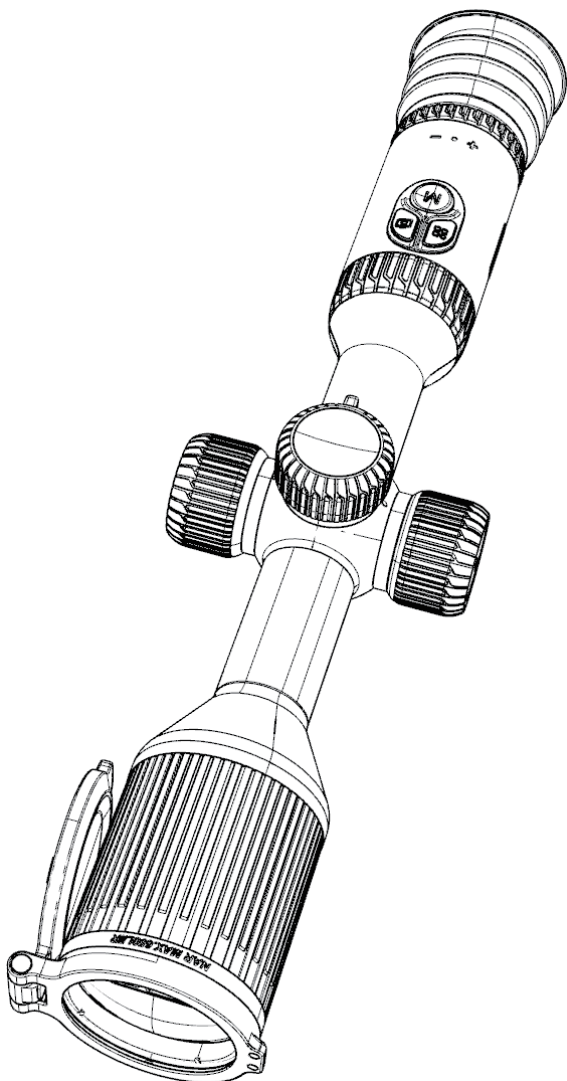


NIGHT ARROW MAX

Thermal Scope



Attention!

Export of **Night Arrow Max Series** models may have export restrictions depending on the laws in your region.

Content

Attention	01
Features	02
Appearance	03
Controls	04
Status display	08
Quick menu	09
Main menu	11
Firmware update via APP	29
How to replay on PC	30
Power supply	31
Cable connection	33
Attach to rifle	34
Storage and transportation	35
Specification	36



Proper usage of this device is essential for safe operation. Please read this manual carefully before use.



If the device has been in storage for an extended period, check its functionality before use.



Do not disassemble the device. Only an authorized repair center is allowed to do this.



Ensure the external optical surfaces remain clean. Avoid touching them with bare hands.



Sand and sea water can damage the optical coatings.



Never point the device directly at the sun.



Image quality may vary depending on environmental and atmospheric conditions. For instance, at sunset, temperature differences between objects can enhance contrast.



Remove batteries and store them in polyethylene bags to avoid contact with metal if the device will be stored for an extended period.



Use the protective lens cap during transportation or storage.



Condensation may fog the optical surfaces. This occurs when the device transitions between environments with differing temperatures or humidity levels. Once the temperature stabilizes, condensation will dissipate. Wipe away moisture with the towel.



Clean lenses with the Lens Cloth or napkin.

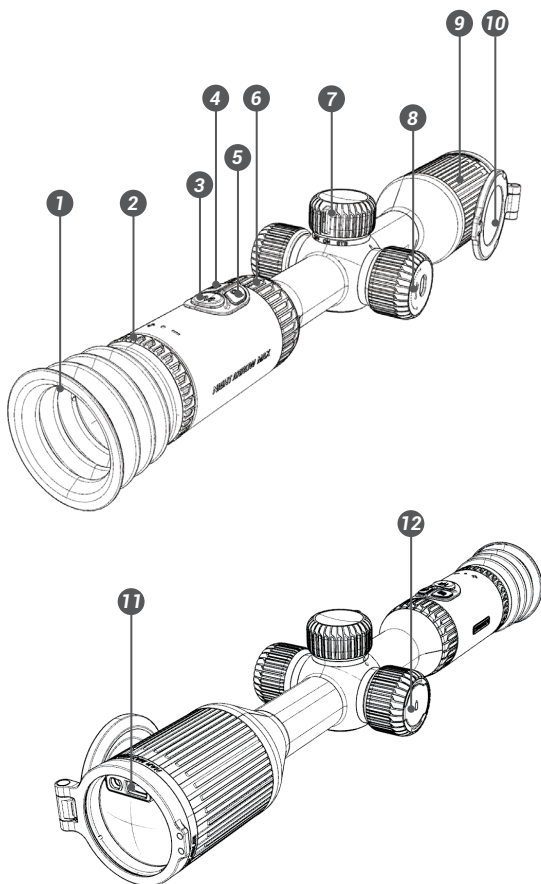


**LEGAL
NOTICE**

Attaching this device to a weapon is the sole responsibility of the user. Check regional legal regulations before doing so.

Features

- LIIR Pro
- Highly sensitive thermal imaging sensor
- 7000J high shock resistance
- 2560×2560 OLED display
- User friendly silent controls
- Ballistic calculator
- Recoil-activated video
- 10 Hours operating time
- Quick-lock battery
- Quick charging
- Built-in audio & video recording
- Firmware update via APP

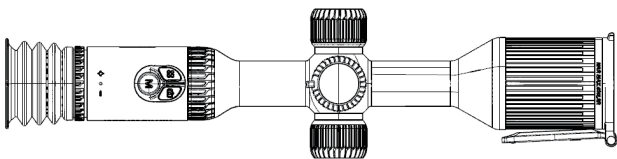


- | | |
|----------------------------|-------------------------|
| ① Eyepiece rubber | ⑦ Three-position switch |
| ② Diopter adjustment ring | ⑧ USB-C |
| ③ Menu button | ⑨ Focus ring |
| ④ Laser rangefinder button | ⑩ Lens cover |
| ⑤ REC button | ⑪ LIIR pro |
| ⑥ Rotating wheel | ⑫ Battery compartment |



All images used in this instruction manual are for illustrative purpose only.
Actual product may vary due to product enhancement. (V1.0)

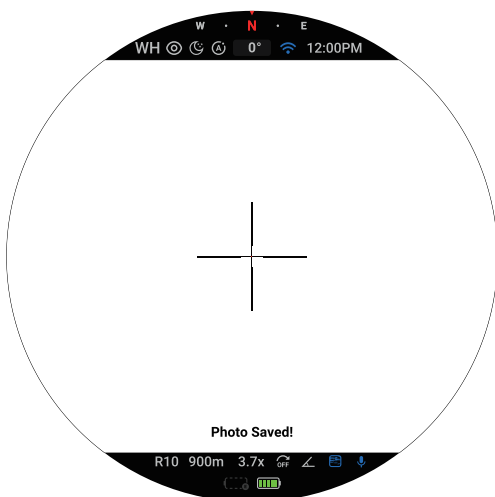
Controls



	Three-position switch	Mode ON/OFF/Standby
	REC Button	Short press: Take photos Long press: Start/Stop video recording
	Laser rangefinder button	Short press: Enter single measurement mode Long press: Enter continuous measurement mode/Exit measurement mode
	Menu Button	Short press: Enter quick menu Long press: Enter main menu/Exit menu
	Rotating wheel	Real-time image status:  Zoom out  Zoom in Menu activation status:  Up switch  Down switch
	Long press: NUC	
	Long press: Enter/Exit zeroing	

Photography

Short press  to capture a photo. A "Photo Saved" icon will appear on the screen.

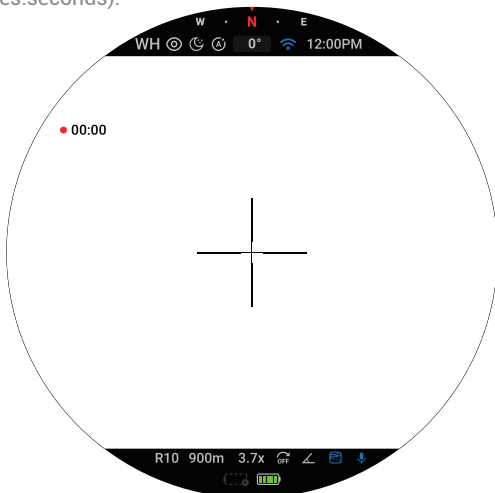


All photos are stored in the device's built-in 64GB memory. Users can download photos via the CONOTECH app or by connecting to a computer.

Video recording

Long press  to start video recording.

The recording time is displayed on the screen in MM:SS format (minutes:seconds).

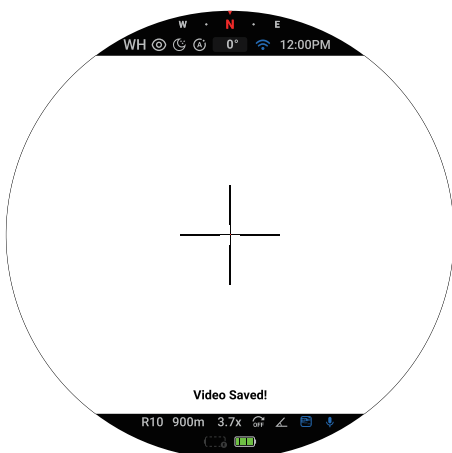


While recording, a short press of  allows users to capture a photo.

Users can access the quick menu or main menu without interrupting the recording.

Long press  again to stop and save the recording.

A "video saved" icon will appear on the screen.



All videos are stored in the device's built-in 64GB memory.

Users can download videos via the CONOTECH app or by connecting to a computer.



NOTE

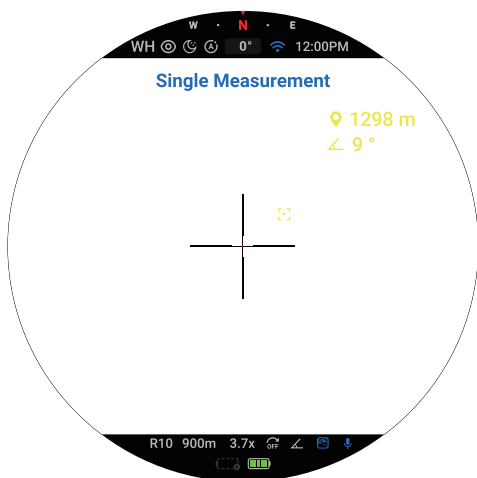
The number of files is limited by the device's internal memory capacity.

To ensure sufficient storage, regularly check the available space and transfer videos and photos to external media as needed.

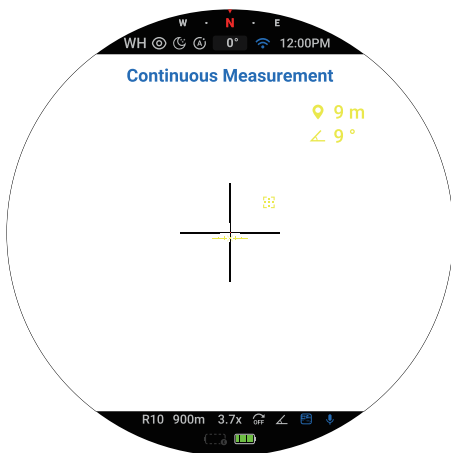
Laser rangefinder

(only available in LIIR series)

Short press  to enter the single measurement.

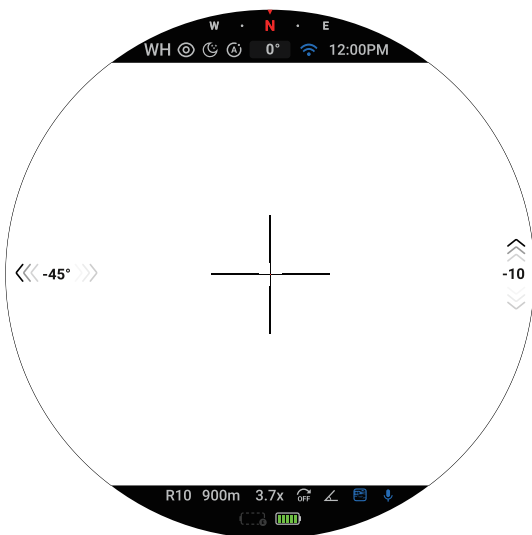


Long press  to enter the continuous measurement, aim  to the target, then the relevant distance will show up. Long press  to exit the continuous measurement.



Status Display

The status bar is on the top and bottom of the display and shows information on the actual operating status of the NIGHT ARROW MAX.



The top of the display shows information including:

- Location
- Color mode
- Extreme mode
- Image mode
- Calibration mode
- Wifi status
- Real time

The left and right sides of the display shows information including:

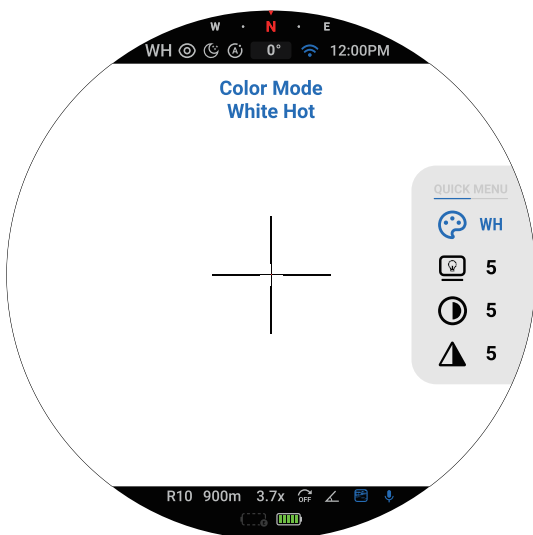
- Roll angle
- Pitch angle

The Bottom of the display shows information including:

- Zeroing profile
- Magnification
- Auto standby
- Measurement settings
- Ballistic calculator
- Microphone
- External battery capacity
- Built-in battery capacity

Short press **[M]** to enter quick menu. Long press **[M]** to exit.

When entering quick menu, rotate the  to select menu options, then short press **[M]** to enter the selected menu option. In the quick menu, if user makes no input within 5s, the device will automatically save all the changes and return to real image.



Color Mode

Rotate the  to change the color modes, and Short press **[M]** to confirm and exit.

WH-White Hot, BH-Black Hot, RB-Rainbow, RH-red hot.

Screen Brightness

Rotate the  to change the Brightness value from 1-10, and short press **[M]** to confirm and exit.

Contrast

Rotate the  to change the Contrast value from 1-10, and short press **[M]** to confirm and exit.



Sharpness

Rotate the  to change the Sharpness value from 1-10, and short press  to confirm and exit.



Image mode

Rotate the  to switch the image mode, and short press  button to confirm and exit.

 Clear Night

 Foggy

 Rain



PIP

Short press  to turn PIP On/Off.



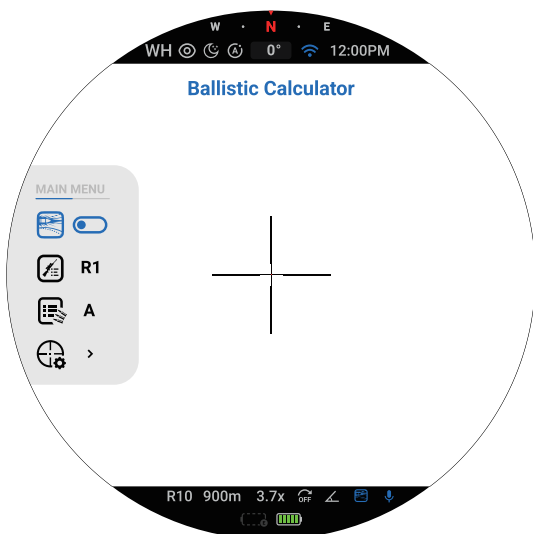
WIFI

Short press  to turn WIFI On/Off.



Hot tracking

Short press  to turn Hot tracking on/off.



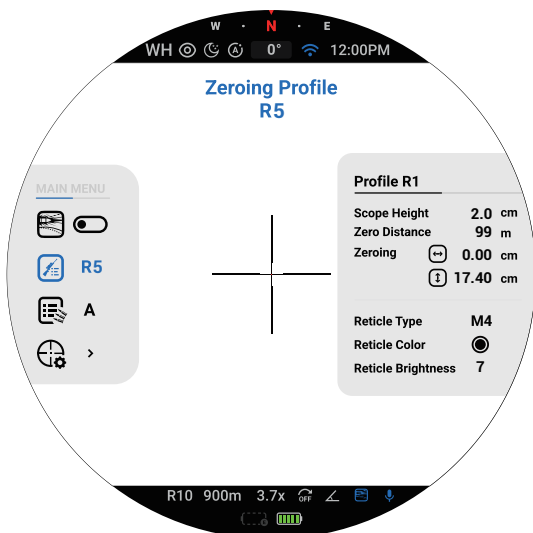
Ballistic calculator

Short press **(M)** to turn on/off Ballistic calculator.

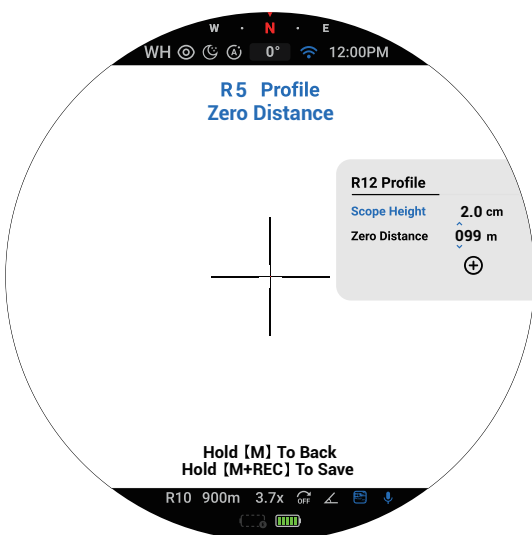


Zeroing profile

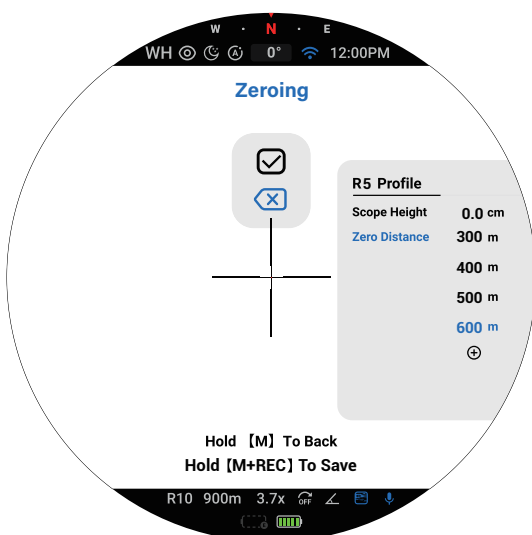
Short press **(M)** to enter Zeroing Profile, then rotate the  to select various zeroing profiles from R1-R12.



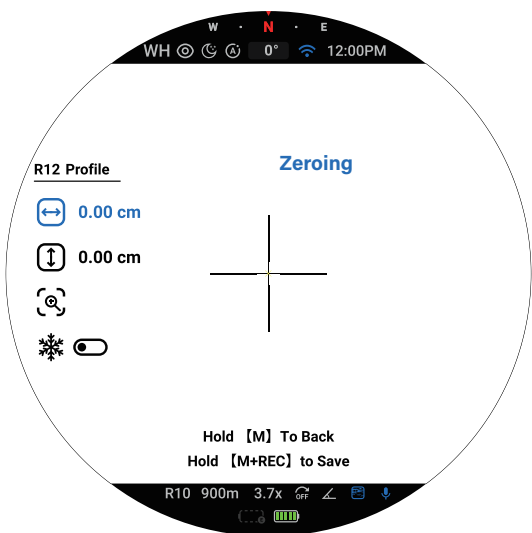
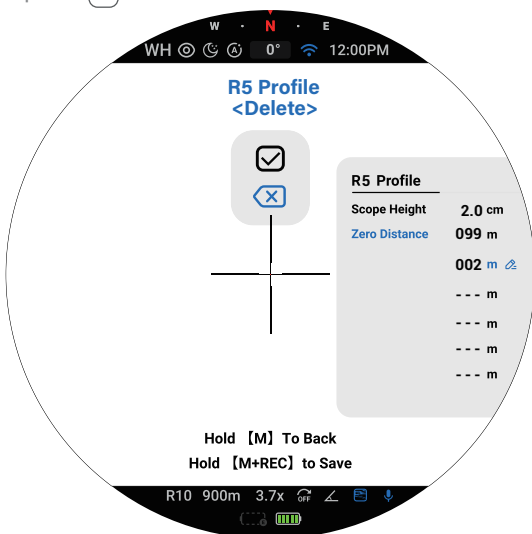
Hold the **[M]** + **[📷]** to edit the zeroing profile.



Short press **[M]** to select Scope Height or Zero Distance, then rotate the **[🔄]** to select the value and short press **[M]** to save. Rotating **[🔄]** to select **[+]**, new Zero distance can be added by short pressing **[M]**, then repeat the same process to set value.



Rotating  to select  to enter Zero Distance then press **[M]** to enter, rotate the  select  or  , then short press **[M]** to save.



XY value

Take a shot, adjust X and Y value separately based on short press  to edit, then rotate the  to select the value and short press  to save.

Magnification

Magnification allows you to use a digital zoom of the riflescope when zeroing, which reduces the minute of angle click for zeroing accuracy improving. Rotate the  to select the Magnification, then short press  to confirm.

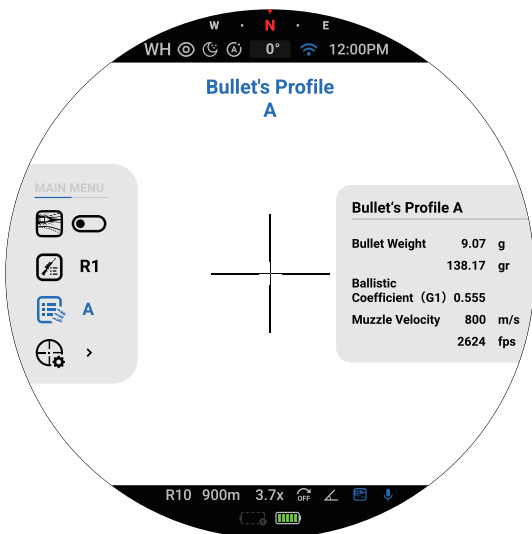
Freeze

The feature of the freeze function is that there is no need to constantly keep the riflescope at the point of aiming. After shooting, the user needs to align the dividing center point with the center of the cross target, and then short press  to freeze the infrared image of the current frame, as shown in the following figure. When freezing the image, rotate the  adjust other options in the zero calibration.



Bullet's profile

Short press  to enter Bullet's Profile, then rotate the  to select various zeroing profiles from A-E. Hold the  +  to enter editing page. Short press  to select Bullet weight, Ballistic Coefficient, and Muzzle Velocity, then rotate the  to select the value and hold the  +  to save.

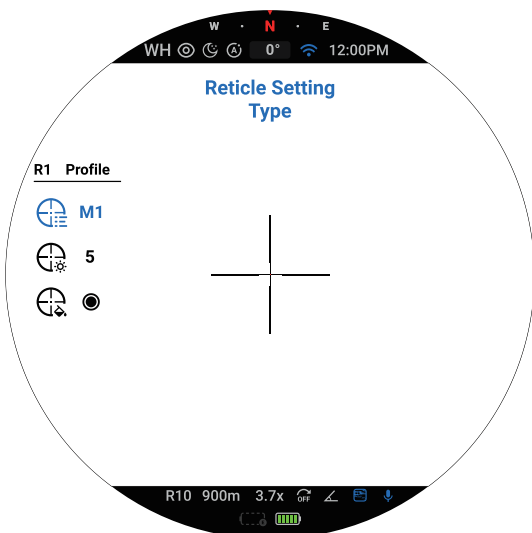


NOTE

Bullet weight, Ballistic Coefficient, and Muzzle Velocity on the bullet package or ask the bullet supplier.



Reticle setting



Short press **M** to enter Reticle Setting, then rotate the  to select various Reticle Setting Type from M1-M5. Same process to select Reticle Setting Brightness from 1-10, and select the Reticle Setting Color.

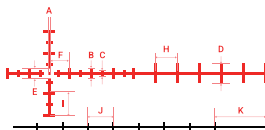
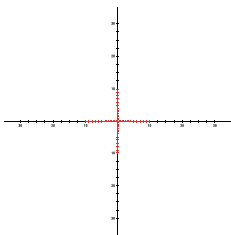
M1



Section	335LIIR		635	
	MOA	cm @100m	MOA	cm @100m
Section A	0.24	1.00 (0.07 MIL)	0.57	1.66 (0.16 MIL)
Section B	0.72	2.09 (0.21 MIL)	1.72	4.99 (0.49 MIL)
Section C	10.59	30.71 (3.03 MIL)	9.17	26.59 (2.64 MIL)
Section D	20.94	60.72 (5.98 MIL)	18.34	53.17 (5.16 MIL)
Section E	41.87	121.44 (11.96MIL)	35.53	103.03(10.08 MIL)

Section	650/650LIIR		S60/S60LIIR	
	MOA	cm @100m	MOA	cm @100m
Section A	0.40	1.16 (0.12 MIL)	0.10	0.30 (0.1 MIL)
Section B	1.20	3.48 (0.36 MIL)	0.31	0.91 (0.09 MIL)
Section C	8.80	25.52 (2.64 MIL)	10.45	30.29 (2.98 MIL)
Section D	17.20	49.88 (5.16 MIL)	20.89	60.58 (5.97 MIL)
Section E	33.60	97.44 (10.08 MIL)	41.15	119.35 (11.76 MIL)

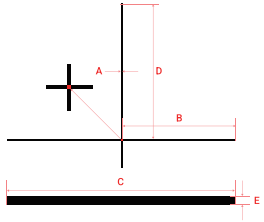
M2



Section	335LIIR		635	
	MOA	cm @100m	MOA	cm @100m
Section A	0.24	1.00 (0.07 MIL)	0.57	1.66 (0.16 MIL)
Section B	1.20	3.49 (0.34 MIL)	2.87	8.31 (0.82 MIL)
Section C	0.72	2.09 (0.21 MIL)	1.72	4.99 (0.49 MIL)
Section D	1.68	4.89 (0.48 MIL)	3.44	9.97 (1 MIL)
Section E	1.68	4.89 (0.48 MIL)	2.87	8.31 (0.82 MIL)
Section F	3.61	10.47 (1 MIL)	3.44	9.97 (1 MIL)
Section H	3.61	10.47 (1 MIL)	3.44	9.97 (1 MIL)
Section I	3.61	10.47 (1 MIL)	3.44	9.97 (1 MIL)
Section J	9.15	26.52 (2.5 MIL)	8.60	24.93 (2.5 MIL)
Section K	18.05	52.34 (5 MIL)	17.76	51.51 (5 MIL)

Section	650/650LIIR		S60/S60LIIR	
	MOA	cm @100m	MOA	cm @100m
Section A	0.40	1.16 (0.12 MIL)	0.10	0.30 (0.1 MIL)
Section B	2.00	5.80 (0.60 MIL)	0.52	1.51 (0.15 MIL)
Section C	1.20	3.48 (0.36 MIL)	0.31	0.91 (0.09 MIL)
Section D	3.60	10.44 (1 MIL)	0.73	2.12 (0.21 MIL)
Section E	2.00	5.80 (0.60 MIL)	1.78	5.15 (0.51 MIL)
Section F	3.60	10.44 (1 MIL)	3.55	10.30 (1 MIL)
Section H	3.60	10.44 (1 MIL)	3.55	10.30 (1 MIL)
Section I	3.60	10.44 (1 MIL)	3.55	10.30 (1 MIL)
Section J	8.80	25.52 (2.5 MIL)	8.88	25.75 (2.5 MIL)
Section K	17.60	51.04 (5 MIL)	17.76	51.50 (5 MIL)

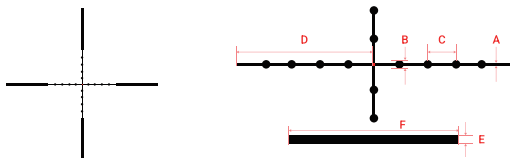
A coordinate system with a horizontal x-axis and a vertical y-axis intersecting at the origin. The x-axis has an arrow pointing to the right, and the y-axis has an arrow pointing upwards.



Section	335LIIR		635	
	MOA	cm @100m	MOA	cm @100m
Section A	0.24	1.00 (0.07 MIL)	0.57	1.66 (0.16 MIL)
Section B	25.27	73.28 (7 MIL)	21.77	63.14 (6.24 MIL)
Section C	50.30	145.86 (14.37 MIL)	42.04	122.97 (12.12 MIL)
Section D	75.57	219.14 (21.59 MIL)	64.18	186.11 (18.36 MIL)
Section E	0.72	2.09 (0.21 MIL)	1.72	4.99 (0.49 MIL)

Section	650/650LIIR		S60/S60LIIR	
	MOA	cm @100m	MOA	cm @100m
Section A	0.4	1.16 (0.12 MIL)	0.10	0.30 (0.1 MIL)
Section B	20.80	60.32 (6.24 MIL)	24.86	72.09 (7 MIL)
Section C	40.40	117.16 (12.12 MIL)	49.62	143.88 (14.18 MIL)
Section D	61.20	177.48 (18.36 MIL)	74.48	215.98 (21.28 MIL)
Section E	1.20	3.48 (0.36 MIL)	0.31	0.91 (0.09 MIL)

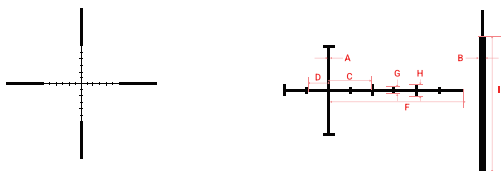
M4



Section	335LIIR		635	
	MOA	cm @100m	MOA	cm @100m
Section A	0.24	1.00 (0.07 MIL)	0.57	1.66 (0.16 MIL)
Section B	0.72	2.09 (0.21 MIL)	1.72	4.99 (0.49 MIL)
Section C	3.61	10.47 (1 MIL)	3.44	9.97 (1 MIL)
Section D	18.05	52.34 (5 MIL)	17.76	51.51 (5 MIL)
Section E	0.72	2.09 (0.21 MIL)	1.72	4.99 (0.49 MIL)
Section F	21.66	62.81 (6 MIL)	21.20	61.48 (6 MIL)

Section	650/650LIIR		S60/S60LIIR	
	MOA	cm @100m	MOA	cm @100m
Section A	0.40	1.16 (0.12 MIL)	0.10	0.30 (0.1 MIL)
Section B	1.20	3.48 (0.36 MIL)	0.31	0.91 (0.09 MIL)
Section C	3.60	10.44 (1 MIL)	3.55	10.30 (1 MIL)
Section D	17.60	51.04 (5 MIL)	17.76	51.50 (5 MIL)
Section E	1.20	3.48 (0.36 MIL)	0.31	0.91 (0.09 MIL)
Section F	20.80	60.32 (6 MIL)	21.31	61.79 (6 MIL)

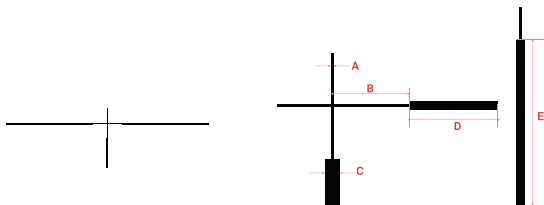
M5



Section	335LIIR		635	
	MOA	cm @100m	MOA	cm @100m
Section A	0.24	1.00 (0.07 MIL)	0.57	1.66 (0.16 MIL)
Section B	0.72	2.09 (0.21 MIL)	1.72	4.99 (0.49 MIL)
Section C	6.88	19.96 (2 MIL)	6.88	19.94 (2 MIL)
Section D	3.61	10.47 (1 MIL)	3.44	9.97 (1 MIL)
Section F	21.66	62.81 (6 MIL)	21.20	61.48 (6 MIL)
Section G	0.72	2.09 (0.21 MIL)	1.72	4.99 (0.49 MIL)
Section H	1.20	3.49 (0.34 MIL)	2.87	8.31 (0.82 MIL)
Section I	21.66	62.81 (6 MIL)	21.20	61.48 (6 MIL)

Section	650/650LIIR		S60/S60LIIR	
	MOA	cm @100m	MOA	cm @100m
Section A	0.40	1.16 (0.12 MIL)	0.10	0.30 (0.1 MIL)
Section B	1.20	3.48 (0.36 MIL)	0.31	0.91 (0.09 MIL)
Section C	6.8	19.72 (2 MIL)	7.10	20.60 (2 MIL)
Section D	3.60	10.44 (1 MIL)	3.55	10.30 (1 MIL)
Section F	20.80	60.32 (6 MIL)	21.31	61.79 (6 MIL)
Section G	1.20	3.48 (0.36 MIL)	0.31	0.91 (0.09 MIL)
Section H	2.00	5.80 (0.60 MIL)	0.52	1.51 (0.15 MIL)
Section I	20.80	60.32 (6 MIL)	21.31	61.79 (6 MIL)

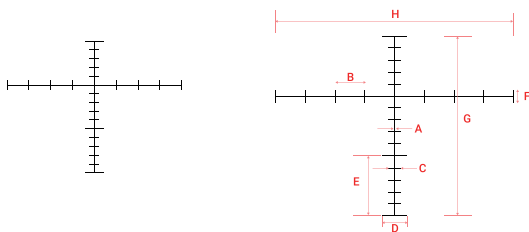
M6



Section	335LIIR		635	
	MOA	cm @100m	MOA	cm @100m
Section A	0.24	1.00 (0.07 MIL)	0.57	1.66 (0.16 MIL)
Section B	11.07	32.10 (3.16 MIL)	22.80	66.40 (6.4 MIL)
Section C	1.20	3.49 (0.34 MIL)	2.85	8.30 (0.8 MIL)
Section D	65.94	191.23 (18.84 MIL)	136.8	398.40 (38.4 MIL)
Section E	22.14	64.21 (6.33 MIL)	46.17	134.50 (13 MIL)

Section	650/650LIIR		S60/S60LIIR	
	MOA	cm @100m	MOA	cm @100m
Section A	0.4	1.16 (0.12 MIL)	0.10	0.30 (0.1 MIL)
Section B	16.04	46.40 (4.56 MIL)	16.19	46.95 (4.63 MIL)
Section C	2.01	5.80 (0.57 MIL)	0.52	1.51 (0.15 MIL)
Section D	96.26	278.40 (27.36 MIL)	97.14	281.71 (27.75 MIL)
Section E	32.50	94.00 (9.23 MIL)	32.80	95.12 (9.37 MIL)

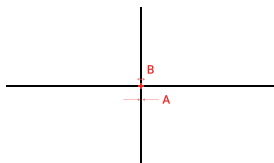
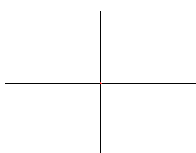
M7



Section	335LIIR		635	
	MOA	cm @100m	MOA	cm @100m
Section A	0.24	1.00 (0.07 MIL)	0.57	1.66 (0.16 MIL)
Section B	3.61	10.47 (1.03 MIL)	7.41	21.58 (2.08 MIL)
Section C	1.20	3.49 (0.34 MIL)	2.85	8.30 (0.8 MIL)
Section D	2.65	7.68 (0.76 MIL)	6.27	18.26 (1.76 MIL)
Section E	7.22	20.94 (2.06 MIL)	14.82	43.16 (4.16 MIL)
Section F	1.20	3.49 (0.34 MIL)	2.85	8.30 (0.80 MIL)
Section G	20.94	60.72 (5.98 MIL)	43.32	126.16 (12.16 MIL)
Section H	27.92	80.96 (7.98 MIL)	57.57	167.66 (16.16 MIL)

Section	650/650LIIR		S60/S60LIIR	
	MOA	cm @100m	MOA	cm @100m
Section A	0.4	1.16 (0.12 MIL)	0.10	0.30 (0.1 MIL)
Section B	5.21	15.12 (1.49 MIL)	5.22	15.15 (1.49 MIL)
Section C	2.01	5.82 (0.60 MIL)	0.52	1.51 (0.15 MIL)
Section D	4.41	12.80 (1.26 MIL)	4.49	13.03 (1.28 MIL)
Section E	10.43	30.24 (2.98 MIL)	10.55	30.59 (3 MIL)
Section F	2.00	5.80 (0.60 MIL)	2.09	6.06 (0.6 MIL)
Section G	30.48	88.40 (8.71 MIL)	31.75	92.09 (9.07 MIL)
Section H	40.51	117.48 (11.57 MIL)	40.78	121.17 (11.49 MIL)

M8



Section	335LIIR		635	
	MOA	cm @100m	MOA	cm @100m
Section A	0.24	1.00 (0.07 MIL)	0.57	1.66 (0.16 MIL)
Section B	0.72	2.09 (0.21 MIL)	1.71	4.98 (0.48 MIL)

Section	650/650LIIR		S60/S60LIIR	
	MOA	cm @100m	MOA	cm @100m
Section A	0.4	1.16 (0.12 MIL)	0.10	0.30 (0.1 MIL)
Section B	1.2	3.48 (0.35 MIL)	0.31	0.91 (0.09 MIL)

M9

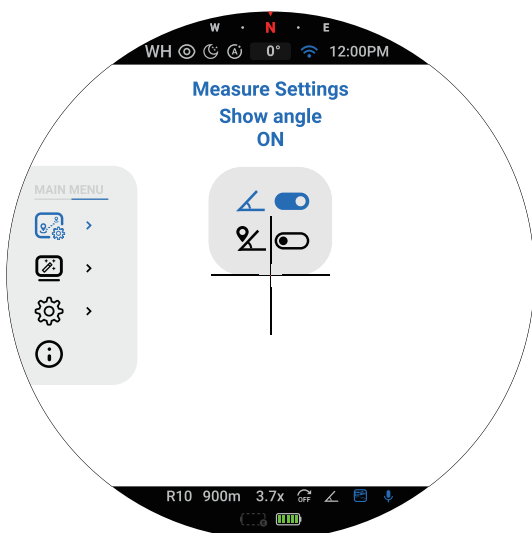


Section	335LIIR		635	
	MOA	cm @100m	MOA	cm @100m
Section A	0.24	1.00 (0.07 MIL)	0.57	1.66 (0.16 MIL)
Section B	0.72	2.09 (0.21 MIL)	1.71	4.98 (0.48 MIL)

Section	650/650LIIR		S60/S60LIIR	
	MOA	cm @100m	MOA	cm @100m
Section A	0.4	1.16 (0.12 MIL)	0.10	0.30 (0.1 MIL)
Section B	1.2	3.48 (0.35 MIL)	0.31	0.91 (0.09 MIL)



Measurement settings



Short press **(M)** to enter Measurement settings, rotating the  to navigate the options. Long press **(M)** to exit.

Show Angle

Short press **(M)** to turn on/off.

Show Horizontal Distance

Short press **(M)** to turn on/off.



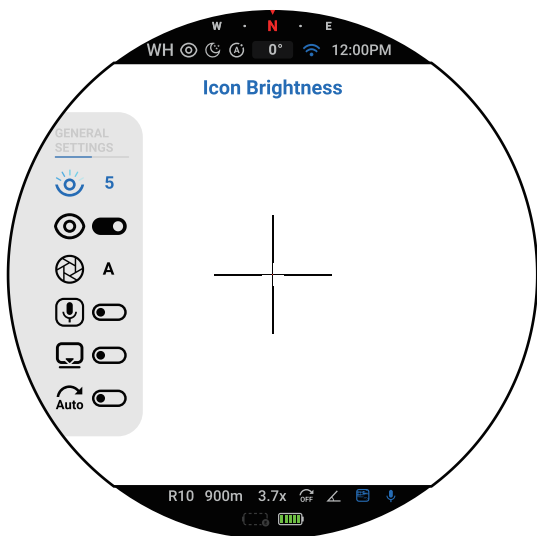
Defective Pixel repair

Cover objective lens then short press **(M)** to perform defective pixel repair. A three-second countdown will appear on the screen, and the calibration will be started.



General setting

Short press the **(M)** to enter the General setting, rotating the  to navigate the options, long press the **(M)** to exit.



OSD Brightness

Short press **[M]** to enter the OSD Brightness setting and rotating the  to select from 1-10.

Extreme mode

Short press **[M]** to turn Extreme mode On/Off.

Calibration mode

Short press **[M]** to enter the calibration mode setting and rotate the  to select. Short press **[M]** to save and exit.

[A] **Automatic**

[M] **Manual**

[S] **Silent** (Please close lens cap when calibrating)

Microphone

Short press **[M]** to turn on/off the microphone.



Pure mode

Short press **(M)** to turn Pure Mode On/Off. The icons of the submenu will be hidden automatically.



Auto standby

Short press **(M)** to turn Auto standby On/off. When this function is open, the device will automatically enter sleep mode once it is placed upright.



Unit setting

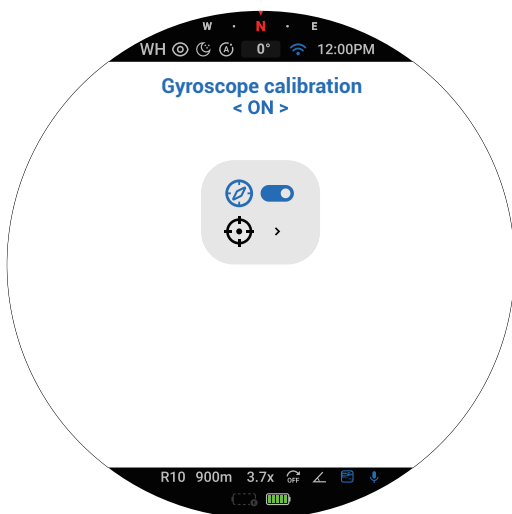
Short press **(M)** to enter the Unit setting and rotate the  to select from Meter and Yard, short press the **(M)** to save and exit.



Gyroscope calibration

Short press **(M)** to enter the Gyroscope calibration and rotate the  to select menu.

Short press **(M)** to turn the Gyroscope calibration on/off.

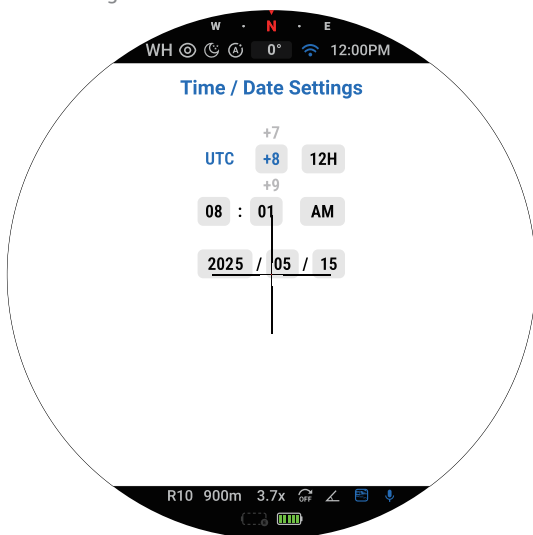


Short press **(M)** to calibrate the Gyroscope, during this time, please revolve the device until the calibration finishes.



Time/Date settings

Short press **(M)** to enter Date/Time, rotating the wheel to change the number and short press **(M)** to save the selected the number and switch the next number, long press **(M)** to exit Date/Time setting.

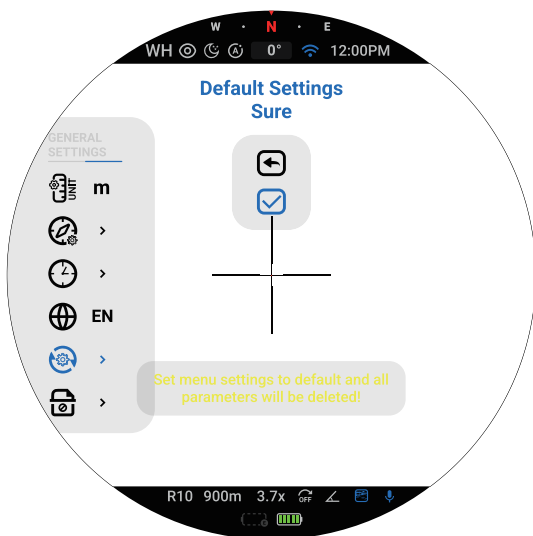


Language setting

Short press  to enter the Language setting and rotate the  to select the language, short press  to save and exit.

Default settings

Short press  to enter the Default Settings and rotate the  to change the selection, short press  again to confirm back to menu or sure. Once confirmed, the menu will be set to default and all parameters will be deleted!



Internal storage

Show memory usage.

Device info

Contain Model, S/N, software version and hardware version.

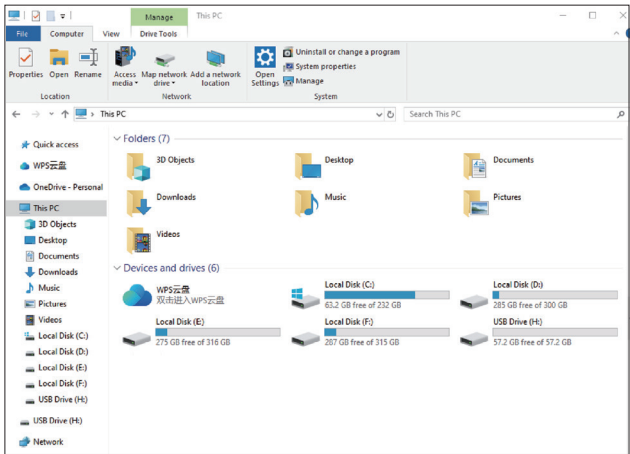
Firmware update via APP

Easily keep your device at the forefront of technology with firmware updates directly through our dedicated app.

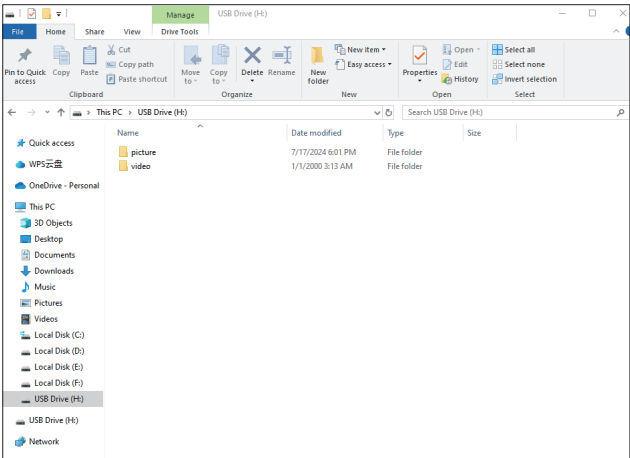


How to replay on PC

Connect the USB-C cable to the PC



Turn on WIFI and wait 10s.



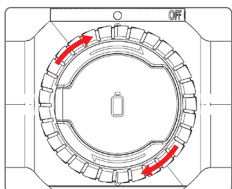
Removable battery

The batteries should be charged before first use.

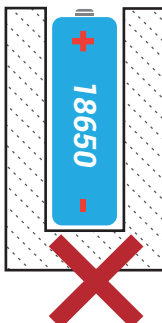
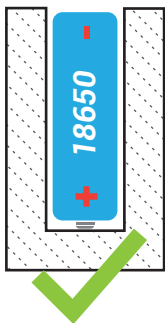
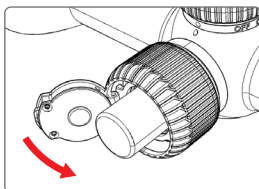
Rotate the battery compartment knob clockwise to open the compartment.

Please install the battery based on the positive and negative signs. Otherwise, NIGHT ARROW will not start.

Open



Close



Built-in battery

1.If there are built-in battery and removable battery in the device, two battery icons are displayed in the status bar. The removable battery capacity shows on the left bottom of the status bar, and the built-in battery capacity shows on the right bottom.

2.When both types of batteries are fully charged, the device is powered by the removable battery. If there is a low removable battery level, the device will switch to the built-in battery.

3.It is possible to replace removable battery while NIGHT ARROW is on when it is powered by built-in battery (the device will continue to work properly).

External power supply

External power can be supplied from an external source, such as a power bank.

1. Connect the external power supply to the USB-C cable.
2. NIGHT ARROW takes to external power source while the built-in battery will gradually be recharged.
3. A rechargeable battery icon indicating a percentage of the battery life will appear in the status bar  .
4. When you turn off external power source, NIGHT ARROW takes power from removable battery without turning off. When there is no removable battery or low power level the device takes power from the built-in battery.

NOTE

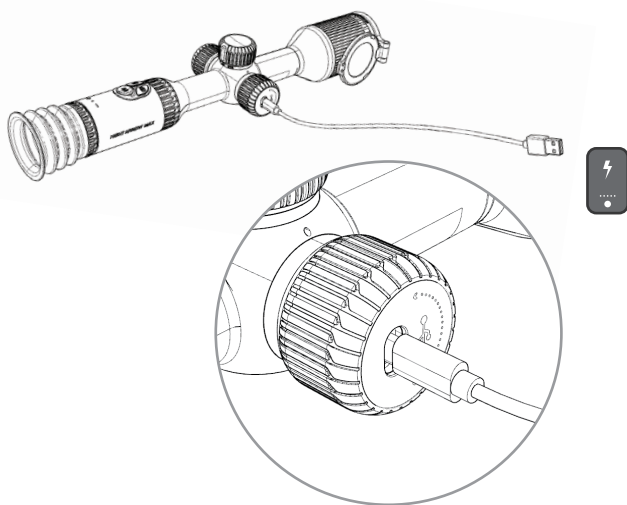
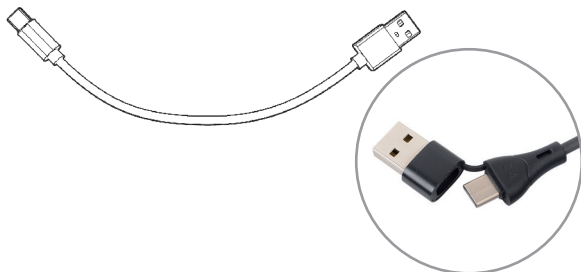
The batteries should be charged before first use.

When installing a removable battery with a sufficient charge level, NIGHT ARROW will automatically switch to it.

Zeroing information will be saved when NIGHT ARROW is shut down because of empty battery.

If NIGHT ARROW is shut down by opening battery cover without proper power off, zeroing information will not be saved.

1. Power supply/Firmware update/Charge built-in battery

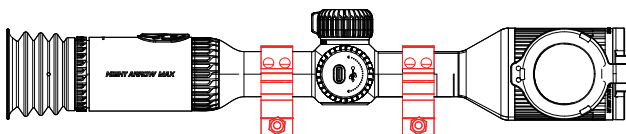


Attach to rifle

To ensure accurate shooting NIGHT ARROW should be properly mounted on the rifle.

Mount NIGHT ARROW with 30mm scope rings. Use only high-quality mounts and rings compatible with your rifle. Follow the mount manufacturer's installation instructions and use the proper tools.

When mounting NIGHT ARROW, adjust the position of the scope on the rifle to achieve optimal, comfortable eye relief. Failure to comply with this recommendation may result in injury to the shooter.



Storage and Transportation

- Clean the device thoroughly before storage, ensuring it is free of moisture and dust.
- Make sure that the batteries are removed and that the battery compartment is empty.
- It is possible for the device to be stored for short periods in a suitable soft pack, bag, or cartridge box.
- Store the device in a dry, enclosed, unheated, and ventilated space for long-term storage.
- Avoid exposing the product to aggressive environments, temperatures below -50°C or above $+60^{\circ}\text{C}$, relative humidity over 80%, or prolonged periods of direct sunlight.
- Before transportation, neatly pack the product in its original packaging (transport bag), ensuring all items and accessories are carefully placed in the bag. Then, securely place the bag in the transport suitcase.
- The device can be shipped via various transport methods, up to an altitude of 12.000 m.

Night Arrow Max Specification						
Model	NAR MAX 335LIIR	NAR MAX 635	NAR MAX 650	NAR MAX 650LIIR	NAR MAX S60	NAR MAX S60LIIR
Main Characteristics						
Detector	Uncooled Vox					
Resolution	384×288	640×512			1280×1024	
Frame rate	50Hz					
Pixel	12μm					
Spectral range	8-14μm					
NETD	< 15mk					
Optical Characteristics						
Objective lens	35mm	35mm	50mm		60mm	
Magnification	4.4-17.6×	2.6-20.8×	3.7-29.6×		2.3-18.4×	
FOV(H×V), m@100m	13.2×9.9	21.9×10.1	15.4×12.3		25.6×20.5	
Functions						
Palettes	Multiple					
Firmware update via APP	Yes					
Display						
Type	OLED					
Resolution	2560×2560					
External video	WIFI					
Power Supply						
Battery	1×18650 (Internal battery) + 1×18650 (External battery)					
External power supply	5V USB-C					
Operating time (at t=22°C)	10h				7h	
Physical Characteristics						
Weight	900g		950g		1050g	
Dimension	75×99×365mm		75×99×371mm		75×99×378mm	

Night Arrow Max Specification						
Model	NAR MAX 335LIIR	NAR MAX 635	NAR MAX 650	NAR MAX 650LIIR	NAR MAX S60	NAR MAX S60LIIR
Environmental Compatibility						
Ingress protection rating	IP67					
Operating temperature	-20°C~+50°C					
Storage temperature	-40°C~+70°C					
Shock resistance	7000J					
Laser Rangefinder						
Safety class for laser equipment according to IEC 60825-1:2014	1	/		1	/	1
Measuring range	5-1200m	/		5-1200m	/	5-1200m
Measurement accuracy	± 1m	/		± 1m	/	± 1m



Wuhan CONO Technology Co., Ltd
Tel:0086-27-86635300
Email: info@cono-tech.com
www.cono-tech.com