LUNA OPTICS®

QUALITY YOU CAN SEE…
EVEN IN THE DARK.®

LN-QE-RS50 &
LN-QE-RS50-LRF

Quantum Elite Digital Day/Night Riflescope
6-36x50

INSTRUCTION MANUAL

**This digital scope can be utilized safely both in daylight and nighttime.**

WARNING

Please follow these important rules before using this device:

This device is intended for recreational and legal activities only; using this device for illegal activities is strictly prohibited.

Please follow and be informed of local laws before using this device. Depending on the state or region, hunting during nighttime or with a night vision device may be prohibited.

PRODUCT DESCRIPTION

1. Distance Focusing Ring
2. Reticle/Rangefinder Button
3. Photo/Video Button
4. Power/ IR Power Level Button
5. Eyepiece Eyecup
6. Eyepiece Lens Focusing Ring
7. Battery Cover
8. Quick Detach Mount Locking Screw
9. Infrared Light (IR) Beam Focus
10. Accessory Rail
11. Menu Controller
12. Micro-SD Card / Micro USB / Mini HDMI Ports
13. Laser Rangefinder *(Model LN-QE-RS50-LRF only)*
14. Logo Position
15. Quick Detach Mount Levers
16. Quick Detach Mount Release Button
17. Objective Lens
18. Objective Lens Cover
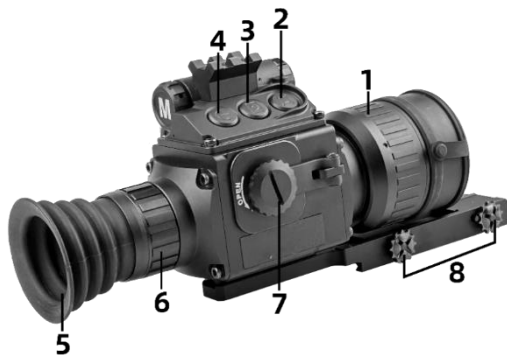
1. Infrared Light (IR) Level
2. Current Ballistic Profile
3. Reticle
4. Brightness Level
5. Ultra Night Vision (UNV) Level
6. Display Color
7. Video Recording Indicator
8. Battery Life Indicator
9. Current Magnification
10. Ultra Night Vision (UNV) Indicator
11. Photo Taking Indicator
12. Rangefinder Information
13. Rangefinder Aiming Box
14. Ballistic Profile Selection

How to supply power to the device

1. BATTERIES
Twist-open the battery cover (7) and insert 4x CR123A batteries in the direction indicated inside the battery tube. Replace the cover and tighten it lightly.

2. EXTERNAL POWER BANK / EXTERNAL POWER SUPPLY
Connect a power bank (5V2A) using the supplied cable into the USB-C port (12)

IMPORTANT POWER TIPS _____

- The batteries cannot be installed backwards. If the batteries are installed backwards, the device will not power on!
- The voltage of the power bank cannot be higher than 5V or it will permanently damage the electronics inside the device (such damage is not covered by warranty!).
- The power bank cannot charge the batteries inside the device. To charge the batteries, remove them from device and use appropriate external battery charger
- It is possible to use rechargeable CR123R or RCR123 batteries, however their capacity is generally lower and will result in significantly shorter operation time. The best way to power device is via external power bank or external power supply (**model LN-EPS**)
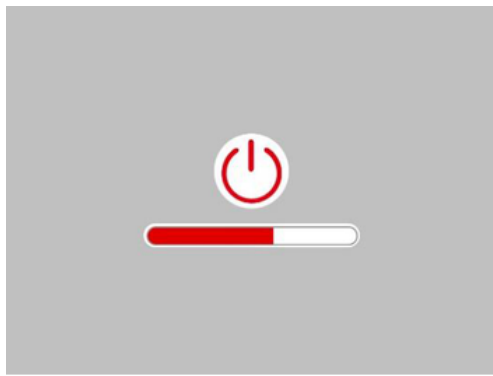
How to turn on and turn off the device

1. **Turn ON**
   Press and hold the power button "4" for 2 seconds

2. **Turn OFF**
   Press and hold the power button "4" until the shut down progress bar is filled.

How to focus and adjust the device for the clearest image

1. **Focus the eyepiece lens**
   Rotate the eyepiece lens focusing ring (6) to get a clear view of the display icons.

2. **Focus the objective lens**
   Rotate the objective lens distance focus (1) to get a clear view of the target.

1. Zoom in/out
Rotate the menu controller (M) while in live viewing mode.

2. Access the quick menu
Press the menu controller (M) momentarily.
Rotate and scroll to the desired function and press the menu controller (M) momentarily again to activate the function.

3. Access the main menu
Press and hold the menu controller (M) for 2 seconds.
Rotate and scroll to the desired function and press the menu controller (M) momentarily to activate the function.
Press and hold the menu controller (M) for 2 seconds to return to the previous sub-menu or exit the main menu.

1. The infrared light (IR) "1" might need to be turned on frequently to see in the dark conditions.
2. To turn on the infrared light (IR), press the power/IR brightness button "4" momentarily each time to cycle through 3 IR brightness levels.

- IR brightness level 1

- IR brightness level 2

- IR brightness level 3

3. If none of the above icons are shown, then the infrared light (IR) is not turned on.

Note:
- Higher IR brightness level will drain battery at a much faster rate. Use only the IR brightness level that's necessary for comfortable viewing.

WARNING

When the Infrared light (IR) is turned on, please do not look directly at the IR lens to avoid possible damage to your eyes.

Adjusting the infrared light (IR)

1. The infrared light (IR) beam can be spread to see a wider area at night or concentrated to see at longer distances.
2. To adjust the size of the IR beam, rotate the infrared light focus (9) to see a wider or narrower field of view at night.

Note:
- Increasing the infrared light (IR) beam width will illuminate a wider area but will also decrease detection distance. In contrast, narrowing the beam width will increase effective distance, but will also reduce the illuminated area.

How to adjust the brightness of the display

1. Press the menu controller (M) momentarily to access the quick menu.
2. Within 2 seconds rotate the menu controller (M) to the corresponding brightness level

    1 to 6. The larger the number, the higher the display brightness will be.

How to use the ultra night vision (UNV) mode

1. In dark conditions, where better visibility is required over short distances without turning on the infrared light (IR), access the quick menu and navigate to the ultra night vision (UNV) mode .

2. Rotate the menu controller (M) to the corresponding ultra night vision (UNV) level 1/2/3, and the function will be automatically turned on. The higher the level, the better the sensitivity will be.

IMPORTANT

The ultra night vision (UNV) mode is a separate function, and it does not activate the infrared light (IR)

- For distances over 50m/yds, is recommended to use the infrared light (IR) instead of UNV mode.

- The ultra night vision (UNV) mode is intended for use during situations in which turning on the infrared light (IR) is not ideal. In certain situations, the infrared light (IR) may be visible to the target, but the ultra night vision (UNV) mode is completely invisible because it's using the natural sensitivity of the sensor and does not emit any additional beams of light.

- In dark conditions, when the infrared light (IR) is turned off and/or where UNV mode is utilized, increase the display brightness level to 5-6 (maximum levels) for the best effect!

How to change the display color

1. Press the menu controller (M) and access the quick menu.

2. Rotate controller to the color adjustment option and select the desired color.

Note:
- Use the daytime color option during the day
- Use the black & white monochrome, NV green phosphor, NV white phosphor, and amber colors during the night for best image sensitivity.
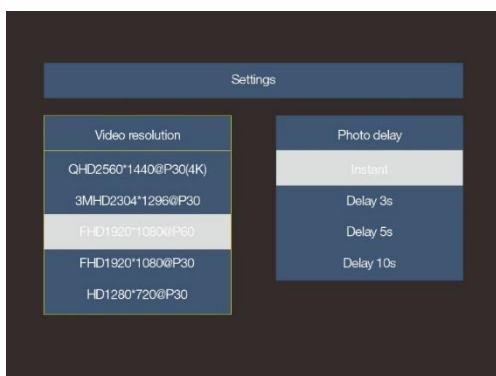
1. Press the menu controller (M) and access the quick menu.

2. Rotate to the ballistic profile option [icon] and select the desired ballistic profile.

How to take photo

1. Press the Photo/Video Button (3) momentarily to take a photo.
2. The photo taking time can be delayed to 3, 5, and 10 seconds. The settings can be changed in the main menu settings: **Settings → Photo delay**

1. Press and hold the Photo/Video Button (3) for 2 seconds to start video recording.
2. Press the Photo/Video Button (3) momentarily to take a photo during video recording.
3. Press and hold the Photo/Video Button (3) for 2 seconds again to stop video recording.
4. The video recording resolution can be changed in the main menu: **Settings → Video resolution.**
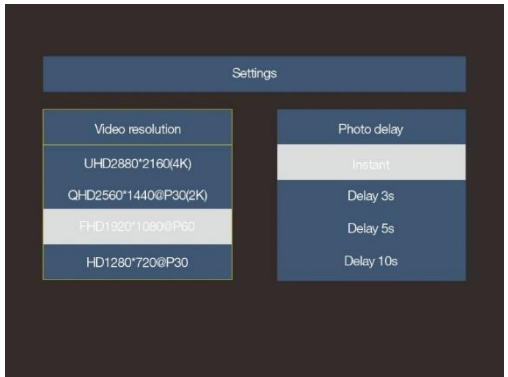
How to access digital zeroing & reticle adjustment

1. Press and hold the menu controller (M) for 2 seconds to access the main menu.
2. Select **Reticle Adjustment → Reticle settings**
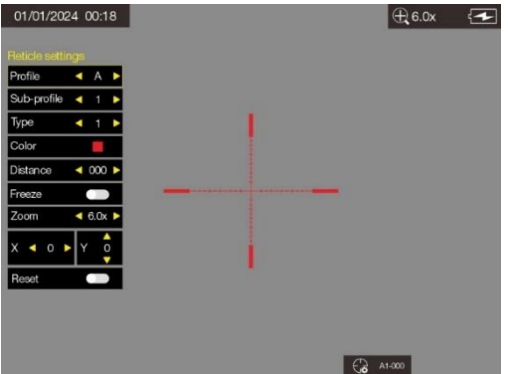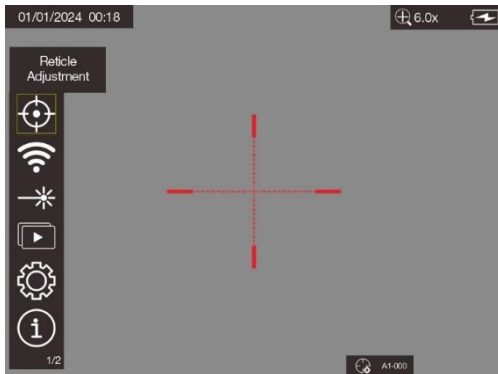
- Profile: main profile name, 5 selections, A to E
- Sub-profile: sub profile name, 5 selections, 1 to 5
- Type: change the type of the reticle, 5 selections
- Color: change the color of the reticle, 7 selections
- Distance: standard distance reference at measurement (in meters)
- Freeze: activate freeze to enter digital zeroing
- Zoom: magnification at the time of image freeze
- X & Y: adjust the x and y positions of the reticle
- Reset: reset all of the above settings (but will not delete previously saved profiles)

How to zero the reticle

1. Prior to zeroing the scope make sure the rifle is in the steady position (in the vice – recommended or at least on a bipod). Once zeroing starts rifle cannot be moved.
2. Press and hold the menu controller (M) for 2 seconds to access the main menu.
3. Select **Reticle Adjustment → Reticle settings**
4. Carefully aim at a target and make one shot. (Shown as A in the following example).
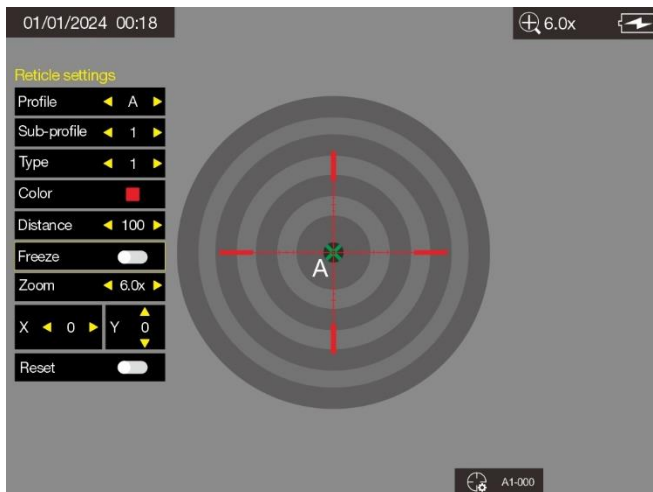
5. The bullet will most likely land at a location further away from the center of the reticle. (Shown as B in the following example). This is to be expected if the reticle is not zeroed.

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Note:

- If the location of the first shot is in the bullseye, no further zeroing needs to be done.

6. Scroll down to the freeze function and rotate the menu controller (M) to freeze the image. This will take a photo of the shot and enter reticle adjustment mode.
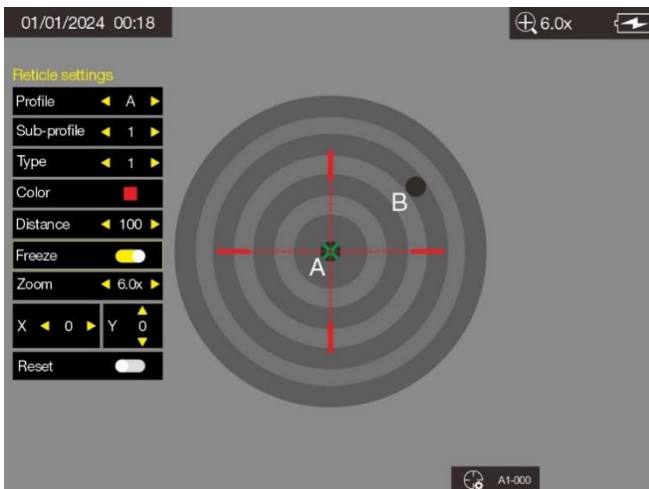
Zoom the image to inspect the bullet hole more closely

7. Scroll down to the X adjustment option to adjusting the reticle along the X-axis (horizontally). **Make sure the green "x" is lined up vertically to the bullet drop B.**
8. Continue next to the Y adjustment option to adjusting the reticle along the Y-axis (vertically). **Make sure the green "x" is lined up horizontally to the bullet drop B.**
9. **Make sure the green "x" is exactly on top of the bullet drop – then your adjustment**

is finished.

10. Press and hold the menu controller (M) for 2 seconds to save the ballistic profile.
11. After zeroing is complete, the reticle will jump to the new position. **This is where the bullet will hit.**
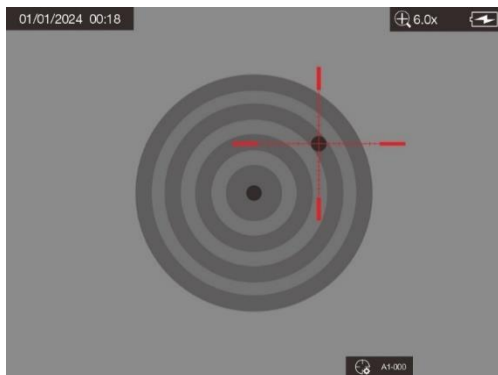
1. To activate the reticle/rangefinder during live view, press and hold the Reticle/Rangefinder Button (2) for 2 seconds. The device will enter the **single distance measurement mode**.
2. Within 5 seconds of activating rangefinder, aim at a target and press the Reticle/Rangefinder Button (2) momentarily to measure the distance to the target.
3. If the button is not pressed during the single distance measurement mode for 5 seconds, it will automatically switch over to the **last used ballistic profile** and the reticle will be displayed.
4. Press and hold the Reticle/Rangefinder Button (2) for 2 seconds for the second time to switch to **automatic distance measurement mode**. The distance of the target will be measured automatically at a 0.5 second interval.
5. Press and hold the Reticle/Rangefinder Button (2) for 2 seconds for the third time to exit reticle/rangefinder mode altogether.
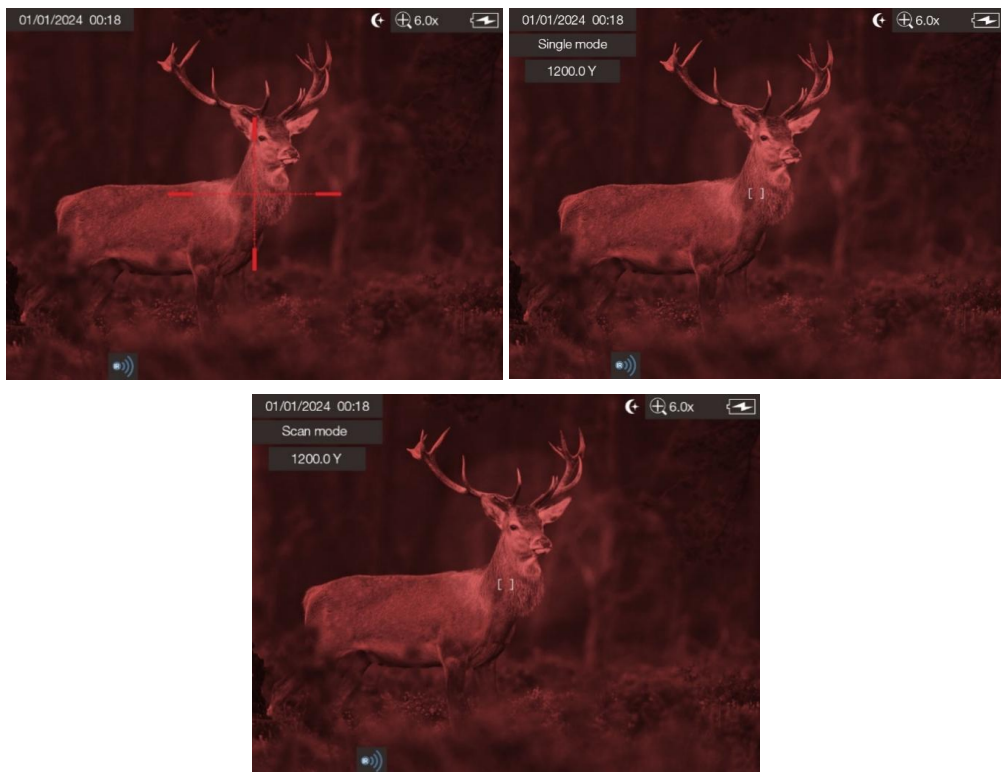
The laser rangefinder detection unit can be switched between yards and meters from the main menu → **LRF units** → **YRD or MTR** (1m = 1.09yds)
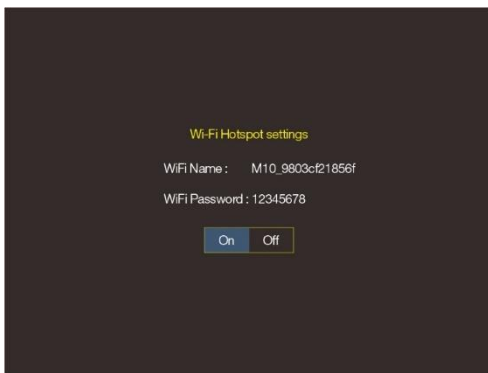
Note:
- For the best results, measure the distance in an open space without any reflective barriers (such as glass) blocking the way and measure target at least 10 meters away.
- The laser rangefinder can be used at night. When using the laser rangefinder at night, you may occasionally see a small strip of light flashing on the display. This is normal; this is the light transmitted by the laser from the rangefinder. The point of the laser beam is the reference to where the rangefinder is measuring.
- When ranging the target at short and long distances, the visible small strip of light transmitted by the laser rangefinder may be at different positions on the screen, this is normal.
- The laser from the rangefinder is not exactly fixed in the center of the reticle. To measure the correct distance (especially for smaller targets) aim slightly around the target.
- When the weather is raining, fog, or aiming at a forest or meadow, these conditions may influence the performance of the laser rangefinder. Lighter colored and larger targets are easier to detect.

How to connect to Wi-Fi

1. Prepare the pairing APP and turn on Wi-Fi on the phone.
2. Press and hold the menu controller (M) for 2 seconds to access the main menu.
3. Select Wi-Fi and the Wi-Fi pairing information will appear. Select On to turn on Wi-Fi pairing. The Wi-Fi name displayed in the device will be the same Wi-Fi name that will appear on the phone.
4. Select the Wi-Fi on the phone and insert the password shown in the device.
5. After the Wi-Fi is connected to the phone, pairing needs to be done on the APP.
6. To exit Wi-Fi pairing, select Off and press and hold the menu controller (M) for 2 seconds to exit the Wi-Fi menu.

Note:
- If the Wi-Fi connection is not established or unstable, it is recommended to restart the device and try again.
- The Wi-Fi has an approximately 10m/yds signal radius. Beyond that distance Wi-Fi signal may not be reliable.

How to view taken photos and videos

1. Press and hold the menu controller (M) for 2 seconds to access the main menu.
2. Select Gallery
3. After selecting a photo or video file, press the menu controller (M) to play, and press the menu controller (M) again to pause.
4. To exit the Gallery mode, pause or stop the video then press and hold the menu controller (M) to exit the menu.
5. To delete a photo or video, select or highlight the photo or video and press the Photo/Video Button (3). "Delete" window will appear. Select confirm delete and the photo or video will be deleted.

1. The factory reset option is to restore all settings to factory default.
2. Press and hold the menu controller (M) for 2 seconds to access the main menu.
3. Select **Device Info → Reset → OK**
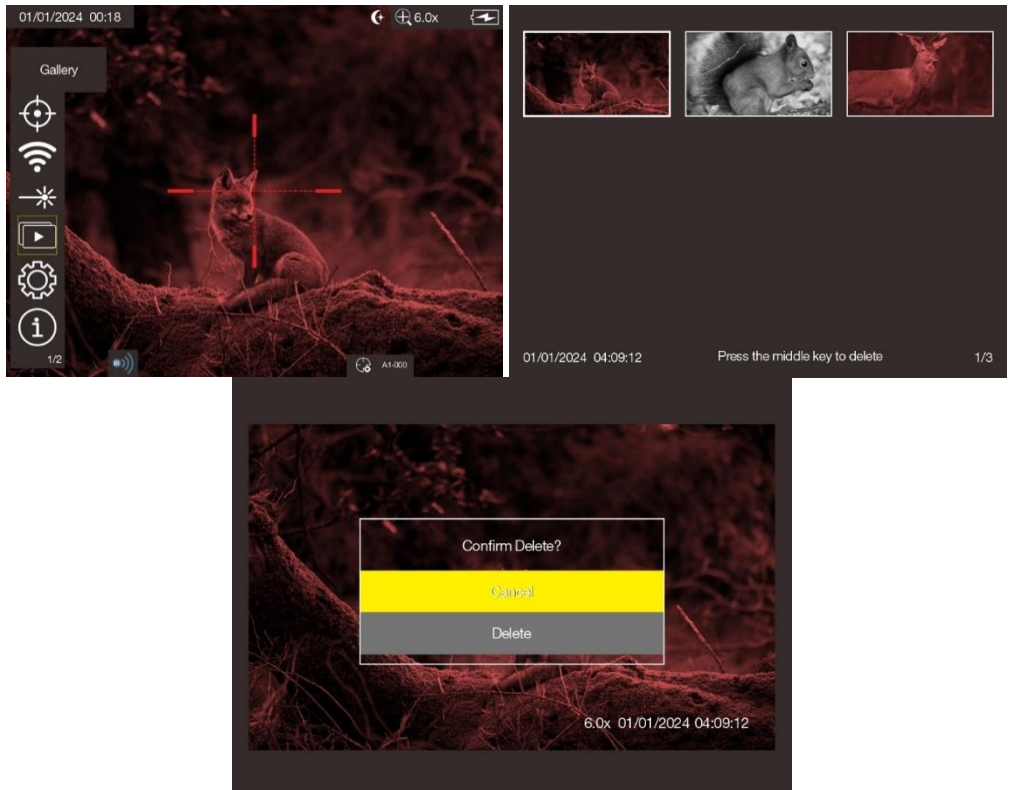
WARNING

After factory default settings are reset, all ballistic profiles will be deleted!
The Contents stored inside the Micro-SD card will not be deleted.
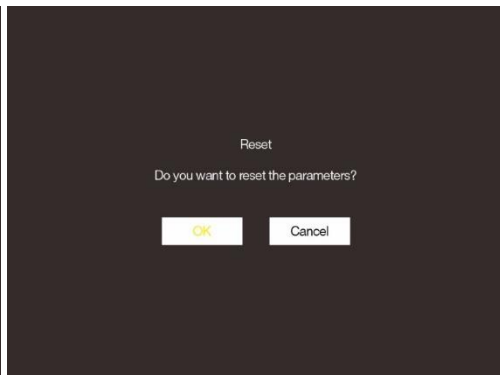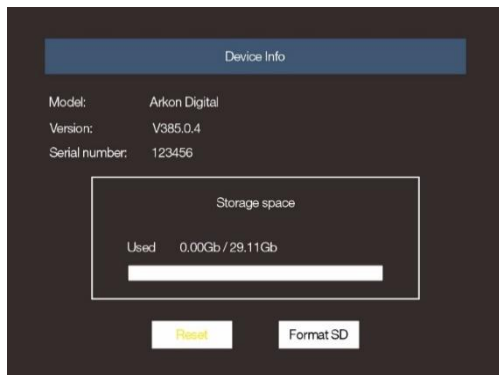
How to format the MicroSD card

1. If the inserted Micro-SD card format is not supported, it may need to be re-formatted to work properly.
2. Enter the **main menu → Device Info → Format SD → OK**

WARNING

ALL files inside the MicroSD card WILL be deleted after format!
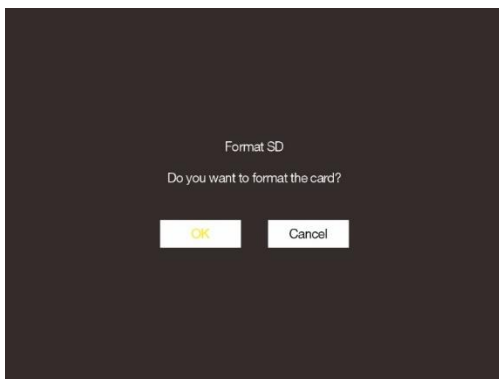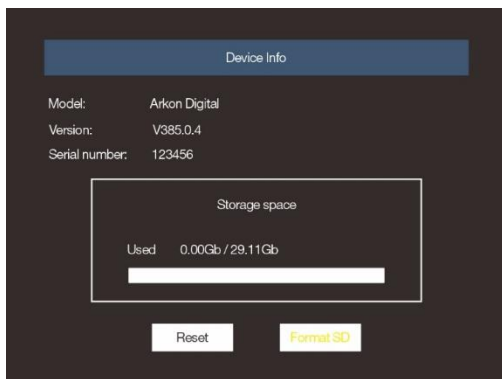
1. Enter the main menu → **Date/Time** → **Time and date settings**
2. Rotate the menu controller (M) to adjust the time settings.
3. Press the menu controller (M) to skip to the next setting.
4. Press and hold the menu controller (M) to save the date & time and exit menu.
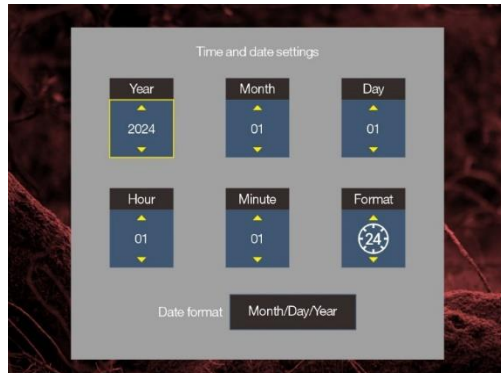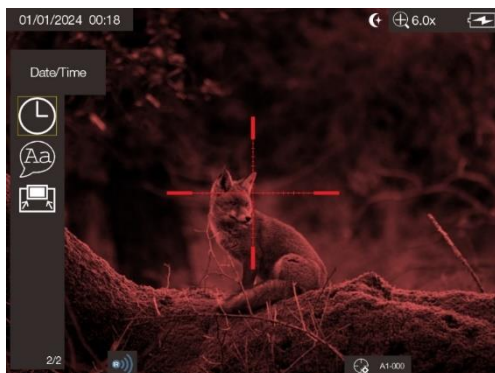
How to change the menu language

1. Enter the **main menu** → **Language**
2. Scroll through the language options using the menu controller (M)
3. Press the menu controller (M) to select the desired language.

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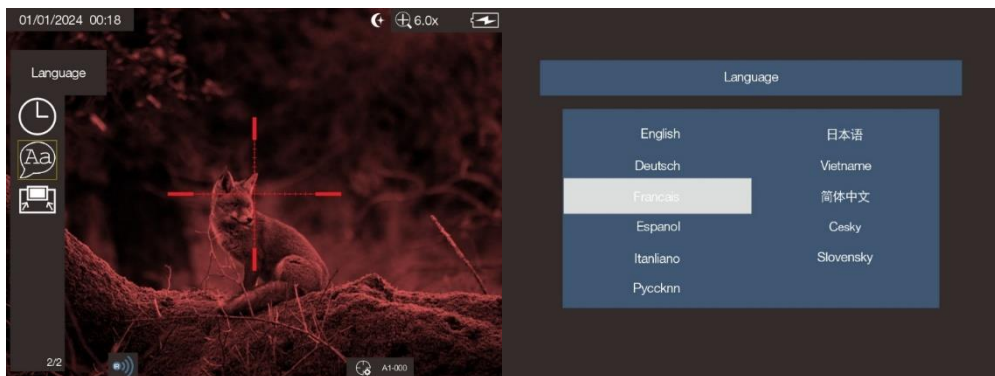
How to turn on picture in picture

The picture in picture is a mini magnified screen of the center of the main display.

1. Enter the **main menu → Picture in Picture.**
2. Choose if you'd like the mini screen to be on the upper left, upper middle, or upper right and press the menu controller (M) to confirm.
3. The picture in picture will appear in live view.
4. To turn OFF Picture in Picture, navigate back to the main menu and select OFF.
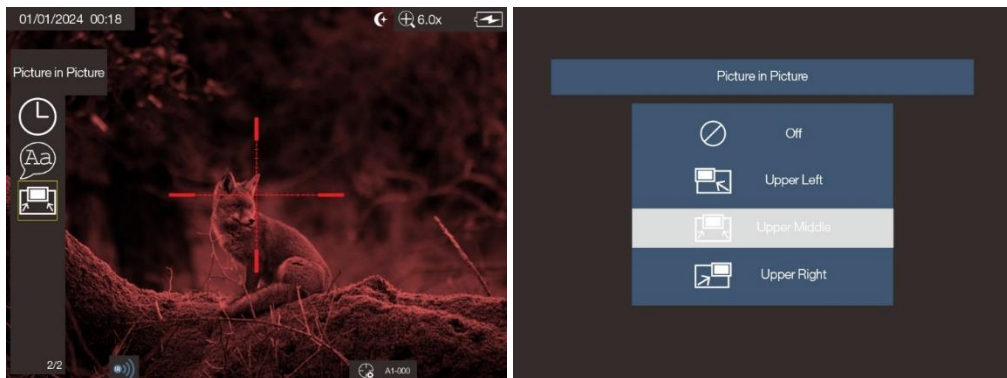
How to use HDMI to connect to an external display

1. Connect the Micro HDMI end of the HDMI cable (included) into the HDMI Port (12) of the device. Connect the other end of the HDMI cable into the HDMI input of an external monitor or HDTV.
2. After connection is established, the image seen inside the device will be duplicated onto the external monitor or HDTV.

Note:
This device cannot be connected to the computer, but it can connect to a separate monitor.

1. Lever lock
2. Lever
3. Fastening screw
4. Locking pin
5. Adjustment wheel
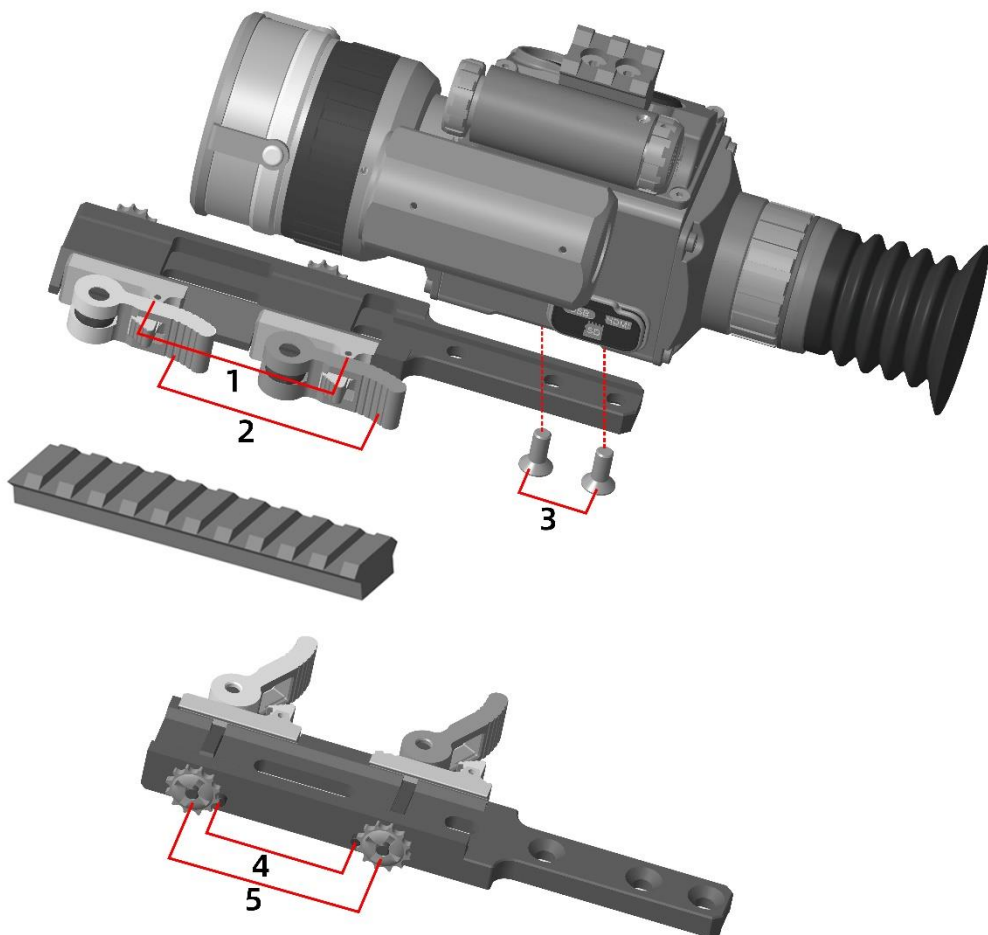
1. Place the riflescope onto the desired position on the mount and fasten with fastening screws (provided) on the bottom using the (large size) hex wrench (provided). For a more permanent connection and to prevent the mount becoming loose after repeat shots, use a drop of Loctite Blue 243 thread locker on the screws' threads.
2. Place the riflescope with the mount onto the rifle rail.
3. Pull back the lever lock to open the lever until it is perpendicular to the mount.
4. Push the lever in slightly to release the adjustment wheel. The locking pin can also be pushed down to release the adjustment wheel.
5. Turn the adjustment wheel to adjust tightness and push it back into the locking pin to secure the position. Test tightness by pushing the lever: If the lever can't be pushed back fully, then it's too tight. If the lever can be pushed back fully but the riflescope is wobbling, then it's too loose. Adjust until the lever can be pushed back fully without using excessive force and the riflescope is secured tightly without any kind of movement. The lever lock should be completely locked.
6. Do not use excessive force when locking the levers. It may damage the mount.

Technical Specifications

Image Sensor:	Large Format, Quantum Elite, 120fps
Nighttime Sensitivity:	0.0005lux
Image Displays:	AMOLED 0.39" HD
Maximum Video Resolution:	2880 x 2160 (4K)
Still Camera Resolution:	5360 x 3008 (16.12MP)
Image Magnification:	6x (optical) - up to 36x (digital)
Objective Lens Specifications:	50mm (F0.9) Fast Light Transmitting
Field Of View:	10°
Diopter Adjustment:	+/-6
Eye Relief:	40mm
Visual range (1/4 moon, IR on):	0.8m to 500m (building)
Visual range (Full Moon):	0.8m to 1500m (building)
Visual Range (Daytime):	0.8m to infinity
IR Illuminator:	850nm
Video Output:	1x HDMI (1080p)
USB Port:	1x USB-C
Weapon Mount:	Picatinny, QD
IR Filter / Color Enhancing Filter:	Yes, Internal, Automatic
Image Colors:	Natural (Full Color) / Black & White Night Vision Green Phosphor / Night Vision White Phosphor / Amber
Wi-Fi:	Yes, Android / iOS
Micro-SD Card Capacity:	Up to 512GB (FAT32 format only)
Battery Type:	CR123A (CR123R) (4pcs)
Operation Time:	Up to 4.5hrs (IR off, 20ºC)
External Power:	5V/2A via USB-C
Working Temperature:	(-30ºC~50ºC) (-22F~122F)
Laser Rangefinder Distance Range (Building):	10m~1200m (11yds~1308yds)
(Model LN-QE-RS50-LRF only)	
Distance Measurement Precision:	(<400m +/-1m … >400m +/-0.4%)
Laser Type:	905nm (Class-I Eye-Safe)
Dimensions:	213mm x 67mm x 80mm (8.4" x 2.6" x 3.1") (LRF model: 213mm x 89mm x 88mm (8.4" x 3.5" x 3.4"))
Weight:	780g (1.7lbs) (LRF model: 890g (1.9lbs))

PREASE REFER TO THE FOLLOWING CHART FOR CALIBERS ACCEPTABLE TO USE WITH THIS RIFLESCOPE

Cartridge (Wb@MV)	Rifle Weight	Recoil energy	Recoil velocity
.17 HMR (17 at 2550)	7.5	0.2	n/a
.17 Hornet (20 at 3650)	8.5	0.6	2.0
.17 Rem. (25 at 4000)	8.5	1.6	3.5
.204 Ruger (33 at 4225)	8.5	2.6	4.4
.218 Bee (45 at 2800)	8.5	1.3	3.1
.219 Wasp (55 at 3300)	8.5	3.2	4.9
.219 Zipper (55 at 3400)	8.5	3.4	5.1
.22 LR (40 at 1165)	4.0	0.2	n/a
.22 WMR (40 at 1910)	6.75	0.4	n/a
.22 Hornet (45 at 2800)	7.5	1.3	3.3
.22 PPC (52 at 3300)	8.5	3.0	4.8
.221 Fireball (50 at 3000)	8.5	1.8	3.7
.222 Rem. (50 at 3200)	7.5	3.0	5.1
.223 Rem. (45 at 3500)	8.5	2.6	4.5
.223 Rem. (55 at 3200)	8.0	3.2	5.1
.223 Rem. (62 at 3025)	7.0	3.9	6.0
.223 Rem. (70 at 2900)	8.0	3.6	5.4
.22 BR Rem. (52 at 3664)	8.0	4.1	5.7
.225 Win. (55 at 3700)	8.5	4.4	5.7
.224 Wby. Mag. (55 at 3700)	10.0	3.6	4.8
.22-250 Rem. (55 at 3600)	8.5	4.7	6.0
.22-250 Rem. (60 at 3500)	12.5	3.1	4.0
.220 Swift (50 at 3900)	10.5	3.7	4.8
.220 Swift (55 at 3800)	8.5	5.3	6.4
.223 WSSM (55 at 3850)	7.5	6.4	7.4
.224 TTH (80 at 3550)	7.5	10.2	9.4
5.6x50 Mag. (60 at 3300)	7.5	4.0	5.9
5.6x52R (70 at 2800)	7.5	3.7	5.7
5.6x57 RWS (60 at 3800)	7.5	6.9	7.7
6mm PPC (85 at 2800)	7.5	5.3	n/a
6mm BR Rem. (80 at 3100)	8.5	5.2	6.3
6mm-223 (75 at 2950)	7.5	4.6	n/a
6mm Norma BR (95 at 2914)	8.5	5.9	6.7

Cartridge			
6mm Lee Navy (112 at 2650)	8.5	6.5	7.0
.243 Win. (75 at 3400)	8.5	7.2	7.4
.243 Win. (95 at 3100)	7.25	11.0	9.9
.243 Win. (100 at 2960)	7.5	8.8	8.7
6mm Rem. (100 at 3100)	8.0	10.0	9.0
6mm-284 (105 at 3000)	7.5	10.9	9.7
6mm-06 (105 at 3000)	8.0	10.2	9.1
.243 WSSM (100 at 3100)	7.5	10.1	9.3
.25-20 Win. (86 at 1460)	6.5	1.3	3.5
.256 Win. Mag. (75 at 2400)	7.5	2.4	4.5
.25-35 Win. (110 at 2425)	7.5	6.0	7.2
.25-35 Win. (117 at 2230)	6.5	7.0	8.3
.250 Savage (100 at 2900)	7.5	7.8	8.2
.257 Roberts (100 at 3000)	7.5	9.3	8.9
6.5mm Rem. Mag. (120 at 3100)	8.0	13.1	10.3
6.5mm Rem. Mag. (140 at 2900)	8.5	13.9	10.3
6.5x68 S (140 at 2990)	8.5	16.8	11.3
6.8mm Rem. SPC (115 at 2625)	7.5	8.0	8.3
6.8mm Rem. SPC (120 at 2460)	8.0	7.5	n/a
.270 Win. (120 at 2675)	8.0	10.0	9.0
.270 Win. (130 at 3140)	8.0	16.5	n/a
.270 Win. (140 at 3000)	8.0	17.1	11.7
.270 Win. (150 at 2900)	8.0	17.0	11.7
7-30 Waters (120 at 2700)	7.0	10.0	9.6
7x57 Mauser (139 at 2700)	8.75	11.7	9.3
7x57 Mauser (140 at 2660)	8.0	13.5	10.4
7x57 Mauser (145 at 2725)	8.5	13.0	9.9
7x57 Mauser (160 at 2600)	8.0	14.3	n/a
7x57 Mauser (175 at 2500)	8.0	15.5	11.2
7mm-08 Rem. (120 at 3000)	7.5	12.1	10.2
7mm-08 Rem. (140 at 2860)	8.0	12.6	10.1
7mm-08 Rem. (150 at 2750)	7.5	13.9	10.9
.284 Win (150 at 2860)	7.5	17.4	n/a
7x64 (154 at 2850)	8.0	17.9	n/a
7x65R (175 at 2600)	8.0	17.1	11.7
.280 Rem. (140 at 3000)	8.0	17.2	11.8
.280 Rem. (150 at 2900)	8.0	17.4	11.8
.280 Rem. (160 at 2800)	8.0	17.0	11.7
.280 Ackley Imp. (150 at 2930)	8.5	16.3	11.1
7mm Rem. Mag. (140 at 2700)	8.5	15.5	10.8
.30 Carbine (110 at 1990)	7.0	3.5	5.7

.300 Blackout (135 at 2085)	8.0	7.0	n/a
.30 Rem. (170 at 2120)	7.5	9.8	9.2
.30-30 Win. (125 at 2175)	7.5	6.6	7.5
.30-30 Win. (150 at 2364)	8.0	9.4	8.7
.30-30 Win. (150 at 2400)	7.5	10.6	9.5
.30-30 Win. (160 at 2400)	7.5	12.7	10.5
.30-30 Win. (170 at 2200)	7.5	11.0	9.7
7.5x54 MAS (150 at 2600)	9.0	11.3	9.0
.30-40 Krag (180 at 2430)	8.0	16.6	n/a
.300 Sav. (150 at 2630)	7.5	14.8	n/a
.307 Win. (150 at 2600)	7.5	13.7	10.9
.308 Marlin Express (160 at 2660)	8.0	13.4	10.4
7.5x55 Swiss (150 at 2800)	9.0	12.9	9.6
.308 Win. (125 at 2675)	8.75	9.0	8.1
.308 Win. (150 at 2800)	7.5	15.8	11.7
.308 Win. (165 at 2700)	7.5	18.1	12.5
.308 Win. (180 at 2610)	8.0	17.5	11.9
.30 T/C (150 at 2900)	8.5	13.9	10.3
.30-06 Spfd. (125 at 2660)	8.0	10.2	n/a
.30-06 Spfd. (150 at 2910)	8.0	17.6	11.9
7.62x39 Soviet (125 at 2350)	7.0	6.9	8.0
.303 Savage (170 at 2170)	7.5	10.3	9.4
7.65x53 Mauser (180 at 2500)	8.0	15.4	n/a
7.62x53R Finn (150 at 2800)	9.0	13.1	9.7
7.62x54R Russian (150 at 2800)	9.0	13.1	9.7
7.62x54R Russian (174 at 2600)	9.0	15.0	10.4
.303 British (150 at 2700)	7.5	14.2	11.0
.303 British (180 at 2420)	8.0	15.4	11.1
7.7x58 Jap (150 at 2700)	9.0	11.9	9.2
.32-20 Win. (100 at 1984)	6.5	3.3	n/a
.32 Spec. (165 at 2410)	7.5	13.2	10.6
.32 Spec. (170 at 2250)	7.0	12.2	10.6
8x56 M-S (170 at 2260)	8.0	12.4	10.0
8x57 Mauser (170 at 2400)	8.0	13.6	10.4
8x57JS Mauser (150 at 2900)	8.0	17.1	11.7
.33 Win. (200 at 2100)	8.0	13.9	10.6
.338 Marlin Express (200 at 2400)	8.0	16.2	11.4
.38 Special. (158 at 1100)	7.0	1.7	4.0
.357 Mag. (158 at 1650)	7.0	4.7	6.6
.357 Mag. (180 at 1550)	6.5	5.5	7.4
.35 Rem. (200 at 2050)	7.5	13.5	10.8

.356 Win. (200 at 2400)	7.5	17.5	n/a
.375 Win. (220 at 2200)	7.5	17.1	12.1
.38-40 Win. (180 at 1100)	7.5	3.1	5.2
.38-55 Win. (220 at 1650)	7.5	10.1	9.3
.38-55 Win. (255 at 1320)	7.5	7.8	8.2
.38-55 Win. (255 at 1415)	7.0	9.5	n/a
.38-55 Win. +P (255 at 1950)	7.5	17.4	12.2
.44-40 Win. (200 at 1200)	7.0	3.4	n/a
.44 Rem. Mag. (240 at 1760)	7.5	11.2	9.8
.44 Rem. Mag. (275 at 1580)	7.5	11.4	9.9
.45 Colt (255 at 1100)	8.0	4.0	5.6
.45 Colt +P (250 at 1500)	6.5	11.1	10.5
.480 Ruger (325 at 1450)	6.25	16.4	13.0

The above chart is not a complete list of all suitable calibers. Please note that any load variation in the same caliber (grain, +P, +P+ etc.) may push the recoil energy over the limit specified for this scope. Please check the bullet weight (Wb) and muzzle velocity (MV) of your round prior to shooting. Maximum recoil energy must not be more than 18.5

Included In the Package

1. **LN-QE-RS50 (or LN-QE-RS50-LRF)** scope
2. Deluxe carry/storage case
3. Quick Detach Picatinny mount
4. HDMI cable
5. USB cable
6. Micro-SD to USB Flash Adapter
7. 32GB Micro-SD card (installed in the card slot)
8. Cleaning cloth
9. 4x CR123A batteries (non-rechargeable)

NOTE: CR123A Batteries might not be always included with this product due to transportation restrictions.

RETICLE PROFILES:

A1:

A2:

A3:

A4:

A5:

B1:

B2:

B3:

B4:

B5:

C1:

C2:

C3:

C4:

C5:

D1:

D2:

D3:

D4:

D5:

E1:

E2:

E3:

E4:

E5: