

*Multi-function Digital Night Vision Scope
OWL Product Description*



1.Product description



REMINDER

Dear Users

Thank you very much for choosing the Multi-function Digital Night Vision Scope manufactured by our company, be sure to read this instruction before first use. After reading, please keep this manual properly for easy reference in the case of problems encountered in the process of use. Users must understand and comply with the operation specifications in this book to avoid the parts damaged that caused by improper operation. If this manual is changed due to version upgrade or other reasons, no further notice will be given.

Notice

- ◆ Do not expose the device to moisture or rain.
- ◆ Attempts to disassemble or repair the device without authorization will void the warranty. Please contact with the maintenance point in time if there is any needs.
- ◆ Maintenance should only be carried out by our professional staff.
- ◆ No matter when the device is on or off, it is strictly forbidden to direct the lens of equipment at the strong high temperature radiation source (such as the sun), so as can cause the abnormal operation of device or even damage.
- ◆ Do not shake or bump the device during use or transportation.
- ◆ During transportation and storage, the temperature of the environment cannot be lower than -40°C or higher than 60°C .
- ◆ The original packing boxes must be used during transportation.
- ◆ The device should be stored in a cool, dry, ventilated environment without strong electromagnetic field.
- ◆ Avoid oil stains and various chemical substances to pollute the lens surface and damage the surface
- ◆ After use, please close the lens cap in time.

Warning! Improper operation can cause the components damaged seriously!

2. Specifications

Model	OWL	Battery	18650*1	Storage type	TF Card
Magnifying power	X1-X4	Focusing	2m ⁻ ~	Eyepiece resolution	1024*768
Voltage	3.7V	IR wave length	850nm	IR power	5W
IR illuminate distance	200m	Output type	AVI	Transmission distance	WIFI
Frame rate	30fps	Battery life	>4h	Video resolution	1440*1080

3. Installation

3.1 Battery installation

Please use lithium chargeable 3.7V flat battery 18650. Remove battery compartment cap and make sure setting the positive polar towards to the direction inward. Put the cap back and screw it until tight.

3.2 Adjustments

A simple test can be taken to check the functions of the device after the installation of battery. First, adjust the eyepiece diopter adjustment until you see the four-character icon on the screen (there is no need to see a clear image), then rotate the Objective lens adjustment until you can see your target clearly. Second, switch to different modes, test IR, red dot and Rangefinder. Long press the IR function button to switch to black&white mode and test the infrared supplementary light. Long press the red dot to indicate it on and off, and click the Ranging function button for ranging test (Please do not cover the lens when ranging).

3.3 Mount Installation

There are four mounting holes in the base of the device. Attach the mount to the base of the device by using a hex-nut wrench and screws. The mount can be installed in multiple rails.

4.Default boot home page

UI Interface description:gyroscope,cross partition,battery power,WIFI switch,IR status,time label,magnification,screen brightness,ranging.



5.Instruction

5.1.Turn On /Off

Press the Power key to turn on the device,long press the Power key to turn off the device.The power indicator of running state and sleep mode is steady on.

5.2.Sleep Mode

While the device running status,click the power button to enter the sleep mode.In the sleep mode,click the power button to wake up the device.

5.3.The Eyepiece DioptreAdjustment

The purpose of dioptreadjustment is to get a clear image for users with different vision.Rotate and adjust the dioptreadjustment ring until you get a clear view of the four-character icon on the screen.(Note:This step only ensures that the target on the display can be clearly seen by the user. However,the target image may be not clear when the objective lens is not focused,so the next step is required.Vision in the same person may differ between the left and right eyes.)

5.4.The Objective lens Adjustment

Make sure the eyepiece dioptheadjustment is finished.Aiming at your target,rotate and adjust the objective lens ring until you get a clear and well-focused image.

5.5.IR Light Filling Control

In black &white mode,press the IR function key to adjust the light filling control.Long press the IR function key to switch between color mode and black &white mode.

5.6.Red dotAdjustment

Turn on the device,long press the red dot adjustment button to turn on/off the red dot adjustment,and the user adjusts the red dot by using an inner hexagon wrench.

6.Menu operation

Enter the menu with a long press of the Menu button.Press+/-button to select options.Enter the sub-menu with a short press of OK button.Exit the menu with a short press of Menu button.

6.1 Video/Photo function Setting

After the user calls up the menu,select the video/photo function through +/-,and press OK key for video and photo setting.

6.2 PIP(picture in picture)

Enter the menu,select the picture-in-picture function by +/--button,press OK to turn it on or off.

6.3 Reticle Adjustment

After the user calls up the menu,select the Reticle Adjustment by +/--button.Enter the sub-menu with a short press of OK button.X and Y represent the coordinates of the reticle,Style corresponds to the type of thereticle,and Color corresponds to the Color of thereticle.Press Menu to adjust options and press the +/--button to adjust thereticle.Press OK to save and exit the sub-menu.

6.4 Default Magnification

After the user calls up the menu,select the Default Magnification by +/--button.Enter the sub-menu with a short press OK button.Press +/-to select the Default Magnification X1,X2,X3,X4, and press OK to confirm and exit.

6.5 Gyroscope

After the user calls up the menu,select the Gyroscope by+/-button.Enter the sub-menu with a short press OK button.Press +/-to select ON/OFF/Calibration,and press OK to confirm and exit.

6.6 Default Color

After the user calls up the menu,select the Default Color by +/-button.Enter the sub-menu with a short press OK button.Press +1-to select Color or black&white mode,and press OK to confirm the Default Mode,and the device immediately switches to the selected mode.

6.7 Brightness of IR

After the user calls up the menu,select the Brightness of IR by+/-button.Enter the sub-menu with a short press OK button.Press+/-to select IR0/IR1/IR2/IR3/IR4/IR5/IR6.IR0 refers to IR off, and IR1,IR2,IR3,IR4,IR5,and IR6 represent the six gears of the Brightness of IR.Click OK to save and exit the sub-menu.Click menu to exit the menu and update the Settings immediately.

6.8 Brightness of Screen

After the user calls up the menu,select the Brightness of Screen by +/-button.Enter the sub-

menu with a short press OK button. Press +/- to select Darker/Dark/Normal/Bright/Brighter and press OK to confirm and exit.

6.9 Range Unit Selection

After the user calls up the menu, select "Meter" or "Yard" by +/-, click OK to save and exit the sub-menu.

6.10 Auto Recording

After the user calls up the menu, select the Auto recording function through +1- and press OK to turn it on or off.

6.11 Loop Recording

After the user calls up the menu, select the Loop recording function through +/- and press OK to enter the sub-menu. Press +/- to select OFF or the time required for loop recording. Click OK to save and exit the sub-menu.

6.12 Date Stamp

After the user calls up the menu,select the date Stamp by+1-and press OK to turn it on or off.

6.13 Compass Calibration

After the user calls up the menu,select the compass calibration function through +/-,perform operations as prompted,and click OK to save and exit the sub-menu.

6.14 WIFI

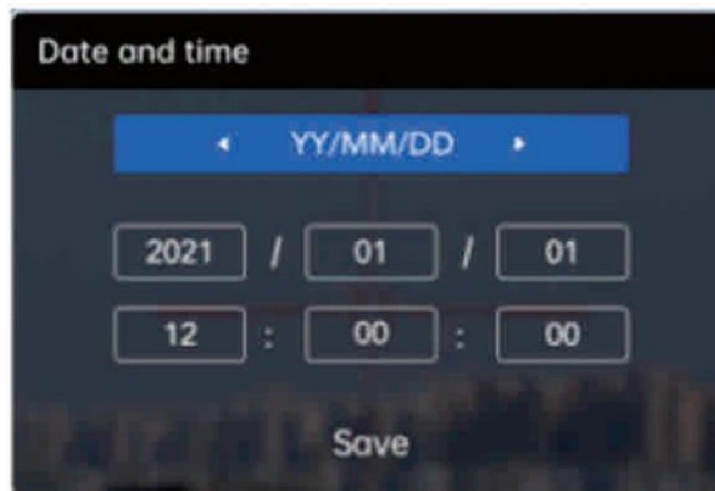
After the user calls up the menu,select the WIFI function by +/-,press OK to turn on or offWIFI, confirm the WIFI and exit the menu,and long press the menu key to close the WIFI(the menu page cannot be used when WIFIis on).The default user name and password of WIFI are RSCAM-RS01 and 12345678.The corresponding APP is available in its official website.

6.15 Exposure

Enter the sub-menu Exposure with a short press of OK button.Select“-2” “-5/3” “-4/3” “-1” “-2/3” “-1/3” “+0/0” “+1/3” with a short press of +/-button. Confirm your selection with a short of OK button.

6.16 Date/Time

Enter the sub-menu Date&Time with a short press of OK button,the cursor is preferred in date display format.Select a correct value for year,month and date with a short press of +/- button.Select "YY/MM/DD" "MM/DD/YY" "DD/MM/YY"as your date format with a short press of +/-button,Save selected date and exit the sub-menu with a short press of OK button,and with a short press of Menu button to exit.



6.17 Language

After the user calls up the menu,select the languageselection function by +/-and click OK to enter the sub-menu;Press+/-to select a language,and click OK to save and exit.

6.18 Format

After the user calls up the menu,select the format function by +/-and press OK to enter the sub-menu.The sub-menu prompts "All data will be deleted,Please be careful,the data can not be recovered after the device is formatted."Press+/-to confirm or cancel,and press OK to save and exit.

6.19 Default Setting

After the user calls up the menu,select Default Settings by +/-and press OK to enter the sub-menu.On the sub-menu,select Confirm or Cancel the default Setting.After confirming the Settings,the system restores default Settings.Please use this function with caution.

6.20 Device Version

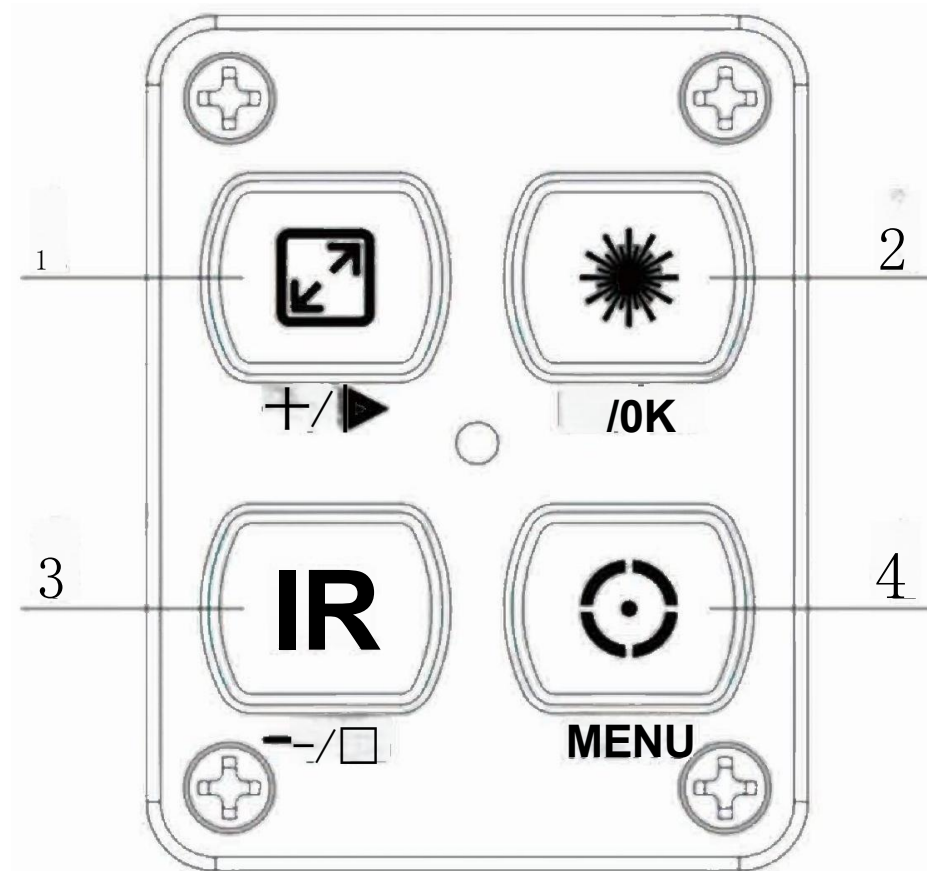
After the user calls up the menu,select the Device Version by+/-button.Enter the sub-menu with a short press OK button.

7.Shortcuts

Buttons have multiple operation functions.You can click or hold down to perform different quick operations.



Power/Sleep button: Turn on the device with a short press of power button, turn off the device with a long press of power button. Enter the sleep mode with a short press of power button and the indicator is steady on. Press again to wake up the device.



1.Zoom/(+)/Play button

Zoom in or out with a short press of zoom button.Long press to open a video or photo file in the memory card.Select videos by press +/-button,confirm the video by press the OK button.Exit the video and photo files with a short press of Menu button.

2.Red Dot Indicator/OK/Recording

Long press to turn on the red dot indicator.Click this button to enter the ON or OFF recording.Press OK button to confirm while in the Menu mode.

3.IR button/Black&white mode/(-)

Long press IR button to enter the black&white mode.In black&white mode,click to adjust the filling light.On the menu page,use the -to select.

4.Menu/LRF button

Enter the ON or OFF LRF function with a short press of Menu button,you can call up the Menu with a long press.Press again to exit the Menu.(Do not block the ranging module when ranging).

Ranging operation:

With a short press of LRF button,aimthereticle in the blue box at the target,and the distance data will be showed in real time.A display of ---indicates that the target distance is not measured.Data can be obtained by switching between targets at different distances.

If you press 1 and 3 button at the same time,it can set ranging the reticle position.X and Y reticle will appear after entering the setting menu.Press +and -to move the reticle position,and press the Menu to switch between X and Y options. When the user finds that thereticle does not coincide with the ranging laser,the reticle can be moved to coincide with the ranging laser through this operation step.



8. Warranty

Thanks for your choosing for this device. This product is warranted against defects in materials and workmanship for a period of one year from the date of purchase.

This warranty is for the original purchaser only!

Notice:

Do not disassemble the nightvision device by yourself. If there is any trouble, please contact the factory in time. If the repair, modification or product seal sticker is not approved by the company, it will not be covered by the warranty.

All damage caused by human factors of accidental product damage, including use abnormal working conditions, damage caused by failure to follow the instructions and installation, is not covered by the warranty.



ABOUT US

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EVER VIEW



When it comes to quality, we ensure that every product meets the highest standards so that every customer can experience our commitment to excellence. When facing customers, we always put their needs and satisfaction first and provide a service experience that exceeds expectations.

Our Mission

Customer first, excellent quality



Become the world's leading technical solution provider in the field of night vision and thermal imaging, lead the future with innovation, become a model of sustainable development in the industry, and promote industry progress.

Our Vision

Innovation driven, sustainable development



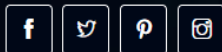
We adhere to the principles of honesty and transparency, make products serve customers, give back to customers with quality, continue to innovate, and promote technological development.

Our Values

Integrity, responsibility, win-win, enterprising



Customer first, excellent quality, innovation-driven, sustainable development, integrity, responsibility, win-win, enterprising.



Working Hours

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Our Gallery

