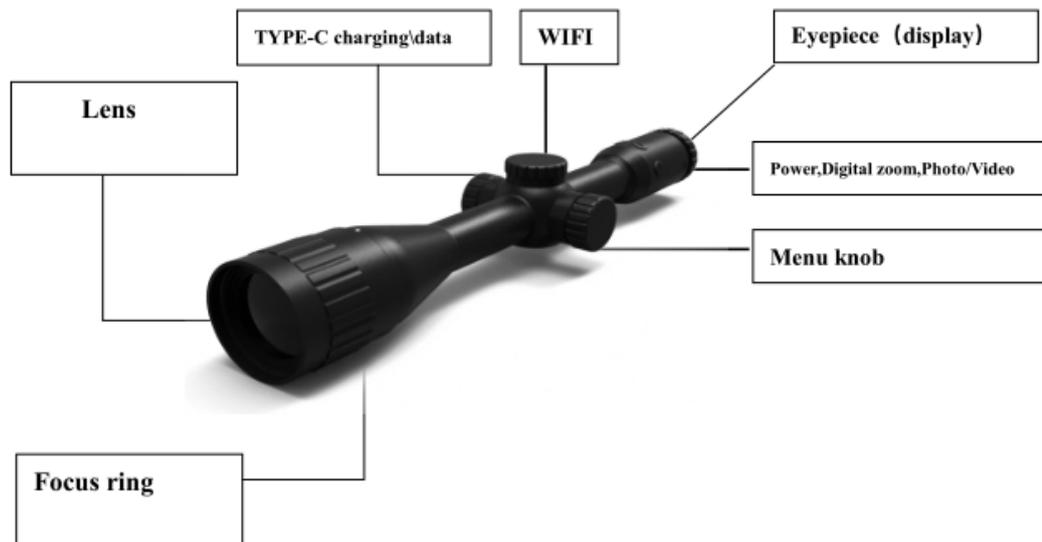


# RS1 Scope Quick Start

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## Appearance, button and composition



## Button and function description

**Power button** 

- Long press 3 seconds to switch on/off the thermal camera;

- After power on, short press power button to turn off eyepiece display, short press again to wake up the eyepiece.



### **Digital zoom button**

- Short press, X2、X3、X4 image digital zoom switch, Can zoom in and out on the target in real time;
- Long press 3 seconds, image manually calibration.



### **Photo button**

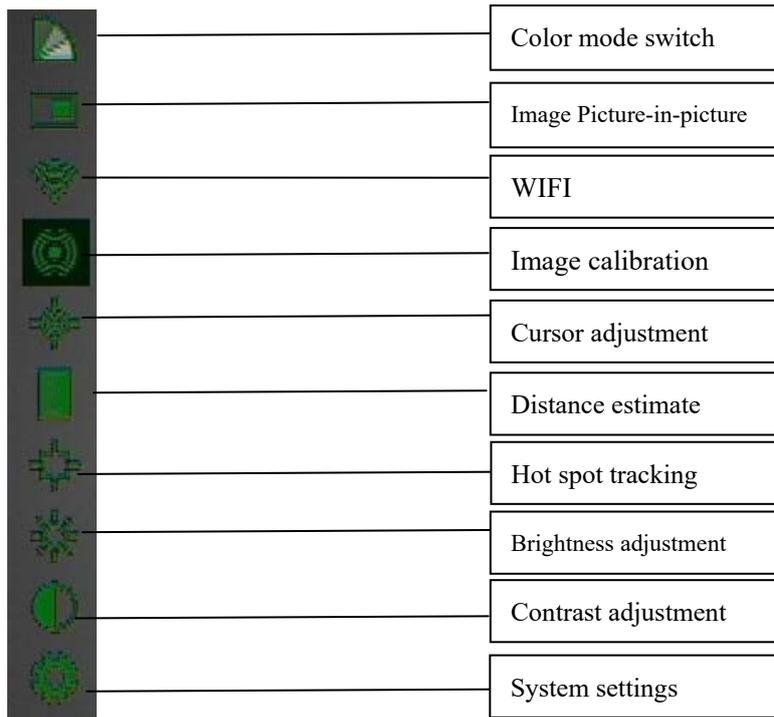
- Short press: photograph; Long press: start video recording, short press again to end the video recording.



### **Menu knob**

- Press the knob for 2 seconds to pop up the image menu, Switch the menu function by turning the knob, short press to confirm the function, long press the menu to exit.

### **Main menu function description**



### Color mode menu

Press and hold the menu knob for 2 seconds. After popping up the menu, there are four color modes (black hot, white hot, red hot, iron red), turn the knob to select the color mode and short press the menu knob to confirm.



### Picture-in-picture menu

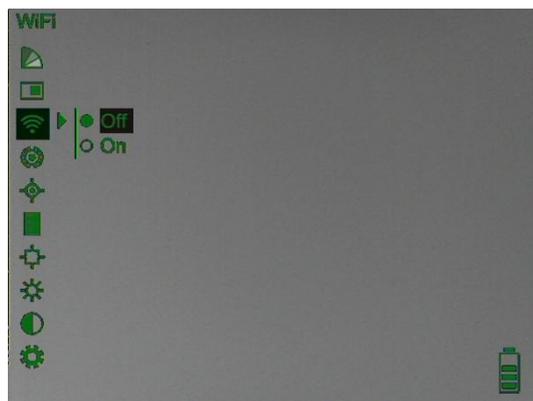
Press and hold the menu knob for 2 seconds. After popping up the menu, turn the knob to select “on/off” and short press the menu knob to confirm.



### **WiFi button**

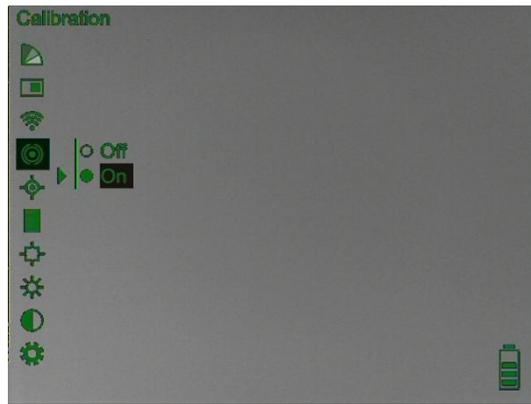
Press and hold the menu knob for 2 seconds. After popping up the menu, turn the knob to select “on/off” WiFi function and short press the menu knob to confirm. If the WiFi logo appears at the top right of the main screen, it proves this function to be turned on normally.

When the WiFi function of the scope is turned on, turn on the WiFi function of the mobile phone, search for the WiFi hotspot in the form of “WIFIV\_xxxxxx”, and enter the password “12345678” to connect. After the connection is completed, open the mobile APP and click the connection.



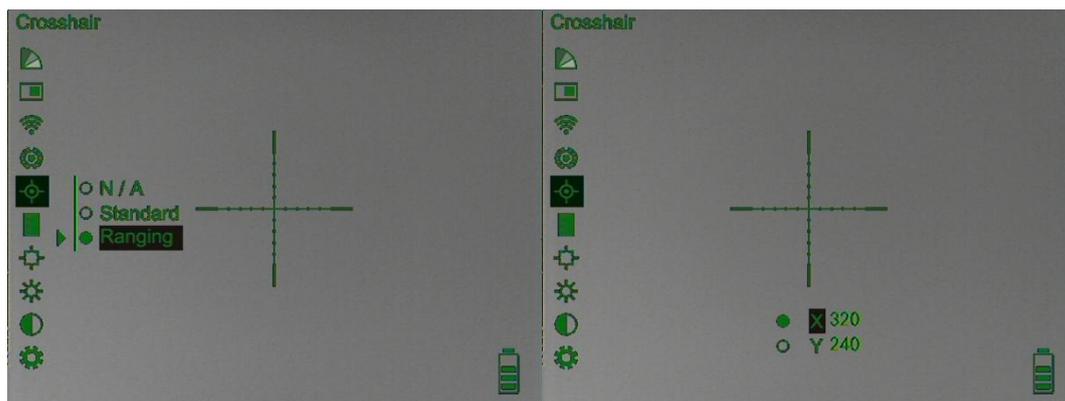
### **Image calibration menu**

Press and hold the menu knob for 2 seconds. After popping up the menu, turn the knob to select “on/off” auto calibration function and short press the menu knob to confirm.



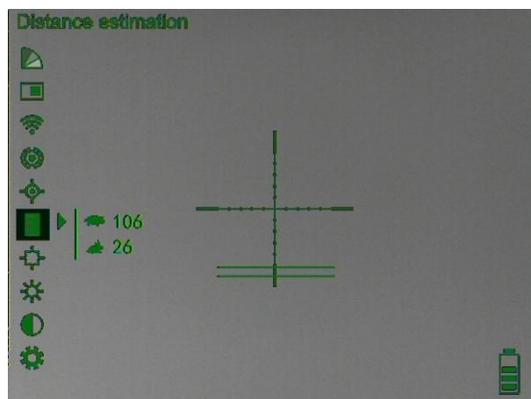
### Cursor adjustment

Press and hold the menu knob for 2 seconds. After popping up the menu, turn the knob to select "N/A/Standard/Ranging", short press the menu knob to confirm. Then adjust the cursor position, turn the knob to select the "X/Y" coordinate, short press the menu knob to confirm, turn the knob to change the coordinate value, and short press the menu knob to confirm.



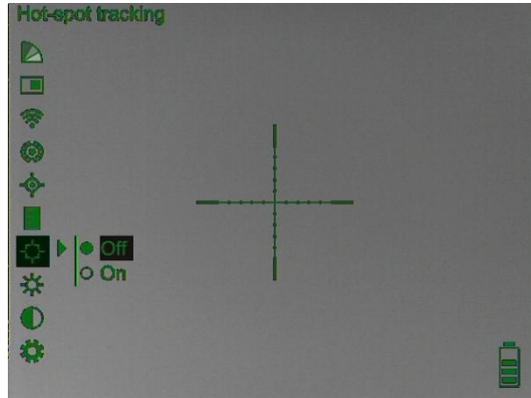
### Distance estimate

Press and hold the menu knob for 2 seconds. After popping up the menu, turn the knob to select coordinate card size, short press the menu knob to confirm.



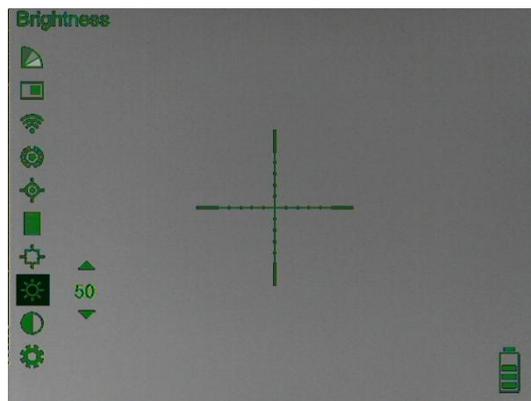
## Hot spot tracking

Press and hold the menu knob for 2 seconds. After popping up the menu, turn the knob to select “on/off” hot spot tracking function and short press the menu knob to confirm.



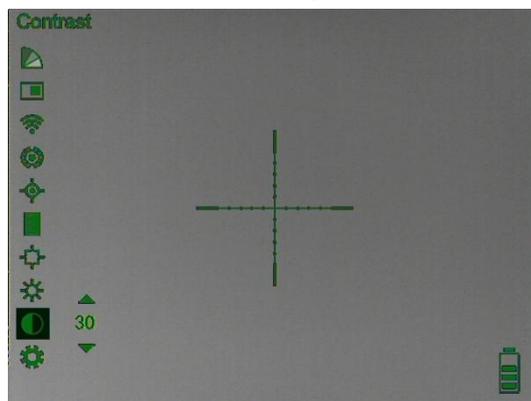
## Brightness adjustment

Press and hold the menu knob for 2 seconds. After popping up the menu, turn the knob to adjust brightness value (0~100), short press the menu knob to confirm.



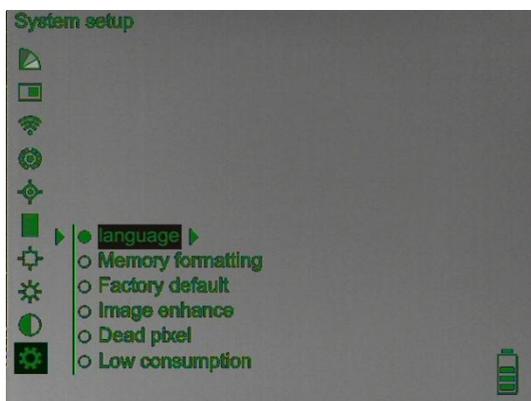
## Contrast adjustment

Press and hold the menu knob for 2 seconds. After popping up the menu, turn the knob to adjust contrast value (0~100), and short press the menu knob to confirm.

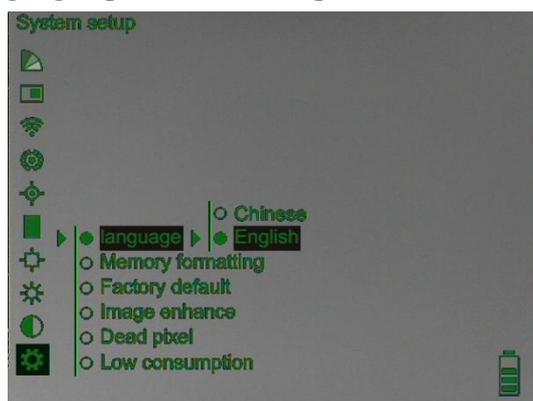


## System settings

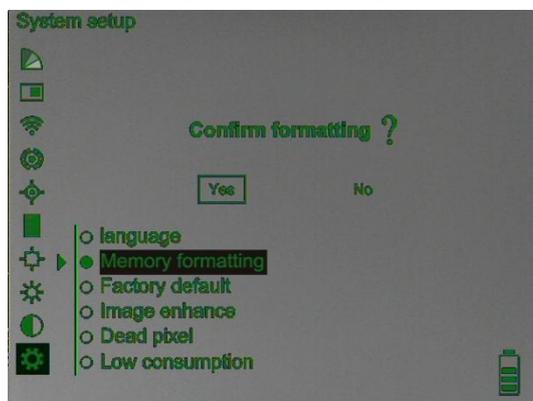
Press and hold the menu knob for 2 seconds. After popping up the menu, will appear the following submenu:



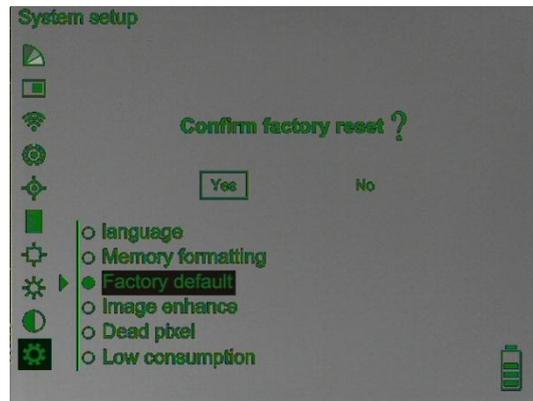
1. Language option, short press to select the function, turn the knob to select “Chinese/English” language option, and short press the menu knob to confirm.



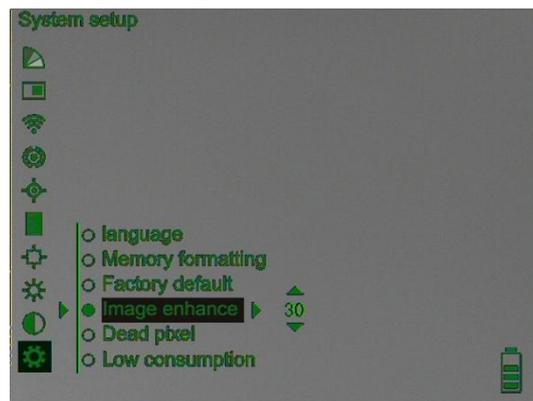
2. Memory format options, short press to select the function, turn the knob to select “Yes/No” to conduct format operation, short press the menu knob to confirm.



3. Factory default option, short press to select the function, turn the knob to select “Yes/No” to conduct factory default operation, short press the menu knob to confirm.



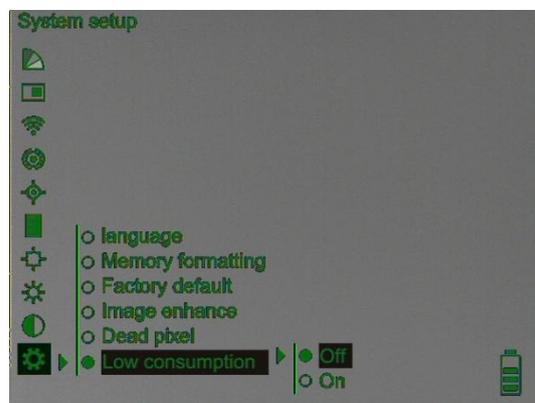
4. Image enhance option, short press to select the function, turn the knob to adjust brightness value (0~60), short press the menu knob to confirm.



5. Manual dotting option, short press to select the function, will appear the cursor and its X and Y axis coordinates, turn the knob to select the "X/Y" coordinates, short press the knob to confirm, turn the knob to change the coordinate value, and short press the knob to confirm. After coincident with the coordinates of the bad pixel, short press the digital zoom button to conduct dotting (clear bad pixels) and save.



6. Low consumption option, short press to select the function, turn the knob to select “Yes/No”, short press the menu knob to confirm. Under low consumption mode, the functions of photographing, recording and WiFi cannot be used, which will increase the usage time.



## Eyepiece diopter adjustment

- According to individual vision, after starting up and seeing the image, turn the diopter knob to see the battery logo of the screen clearly, it proves the diopter adjustment finished.

## Lens focus

- After the device start-up and sees the image display, adjust the lens focus ring to a clear image (clear target contour).

## Charging, date interface

- When charging, unscrew the cover of the charging interface and insert the type-c charging connector (charging time is about 5 hours, charging voltage DC5V(1A/2A))
- Unscrew the cover of the charging port, connect to the computer,

and copy the photo and video data files.

### **Attention**

- As the uncooled infrared scope uses very sensitive thermal sensors, so in any case (power on or power off), do not aim the lens at the strong radiation source (such as the sun, laser beam direct or reflection), otherwise it will cause permanent damage to the uncooled infrared thermal scope!
- Do not open the shell or modify it without permission. The maintenance can only be carried out by the authorized personnel of the company.

### **Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC Caution:**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Non-modification Statement:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Radiation Exposure Statement**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.