

S25X
series

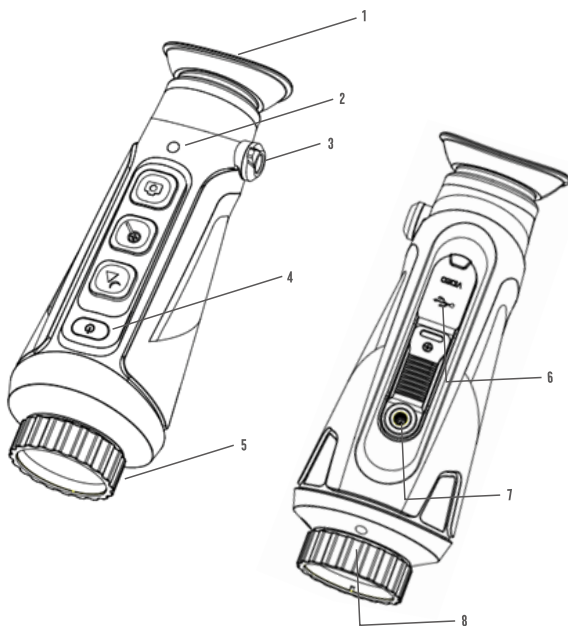


THERMAL MONOCULAR

QUICK GUIDE

FORM KEYS AND COMPOSITION

- 1 Lens adjust
- 2 Power
- 3 Visibility knob
- 4 Power, Color code
- 5 Manual focus lens
- 6 Type-C port
- 7 Tripod connector
- 8 Laser pointer



Power

- Press and hold to switch the camera on/off, the instrument's green light is always on when switched on.
- Press briefly after switching on to display the eyepiece to hibernate, after hibernation you can press any key to wake up.

Colour-coded

- Short press to toggle colour coding.
- Long press to turn on the laser.

Zoom in

- Short press for electronic zoom, 1X, 2X, 4X cycle zoom.
- Long press for continuous zoom, 1.0~4.0x cycle.



Photo

- Short press to take pictures.
- Long press to start the recording function, and short press again to end the recording.

Key combinations :

"Colour-coded"  and "Zoom" 

- Press and hold the " Colour-coded " button and "Zoom in" button Access to menu mode.





"Photo"  and "Zoom" 

- Press and hold the "Photo" button and "Zoom in" button for critical manual correction of images.

Visibility knob

- Adjust the knob to the degree of myopia.

Access to the user menu

- Press and hold the "Colour-coded" button  and "Zoom" button  in Access menu mode.
- Press the "Power" button briefly  or the "Colour-coded" button  Switching menu items up or down.



- Contrast setting: 0~100% adjustable, factory default: 50%, can be adjusted according to the site environment by pressing the "Zoom" or "Photo" button.



- Brightness setting: 0~100% adjustable, the factory default is 40%, can be adjusted according to the site environment by pressing the "Zoom" or "Photo" button.



- Detail enhancement setting: 0~15 Factory default: 5, can be adjusted according to the field environment by pressing the "Zoom" or "Photo" button to get a clearer image.



- Red display setting: -100%~100%, (factory default: 10%) is the range value to trigger the red display, can be adjusted according to the site environment by pressing the "Zoom" or "Photo" button.



- WIFI switch function setting, you can press the "zoom" key to turn off (OFF) or turn on the WIFI function; you can press the "photo" key to select (AP) or * (STA) mode. The icon is displayed in the top right corner of the image after switching on, after the instrument is powered off and restarted, the default WIFI function is switched off, please switch it on again, (AP) or *(STA) mode settings are stored in memory and will not be initialised.

AP Mode: After installing and running the mobile phone tablet client "IR-TRACKER V" program, find the instrument hotspot "xxx xxx" (model and serial number) in the mobile phone, connect and enter the password "12345678" After successful connection, open the mobile phone "IR-TRACKER V" software, click on the software "connect" to see the image, you can use the mobile phone client software to achieve the image of photography, video, playback, storage control and other functions. You can use the mobile phone client software to take pictures, record, playback, store and control images.

*STA mode: This function is an extension and requires a professional peripheral.

Note: Turning on WIFI for a long time will increase the power consumption of the instrument, resulting in a shorter standby time, so please turn off this function when not in use.



- Distance estimation function setting, which automatically displays the distance of a specific target object on the scale when switched on and can be adjusted by pressing the "Zoom" or "Photo" button.



- The picture-in-picture function can be set to turn the display on or off by pressing the "Zoom" or "Photo" button.



- Hot spot tracking function, press the "Zoom" or "Photo" button to turn on or off, automatically tracks the highest temperature point on the screen when turned on.



- Display sleep time setting: 0/5/30/60(min), factory default: 0. Press the "Zoom" or "Photo" button to adjust.



- For cursor setting, press the "Zoom" or "Photo" button to switch the cursor type and cursor display position, position adjustable, and save after adjustment.



- Image brightness setting: 20/40/60/80/100. factory default: 60. Press the "zoom" or "photo" button to adjust.



- The system upgrade option can be switched on or off by pressing the "zoom" or "photo" button. To upgrade the system, you must first store the upgrade program on the internal memory card of the instrument via your PC and then click on this option to upgrade.





- To format a memory card, press the "Zoom" button to enable "Y" formatting, do not do anything else afterwards, a pop-up box will appear after successful formatting and the "N" option will be turned off automatically.

Note: All files on the internal memory card will be deleted after formatting, please proceed with caution.

R

- Factory settings can be restored by pressing the "Zoom" or "Photo" button to turn it on or off.

I

- System information: can be switched on or off by pressing the "Zoom" or "Photo" button. Display the local version of the instrument.
- Press and hold the "Colour-coded" button  and "Zoom" button  Exit menu mode.

TYPE-C CHARGING / DATA PORT / VIDEO OUTPUT

- To charge, remove the connector cover at the bottom of the instrument and plug in the Type-C charging cable (voltage DC5V/2A) for charging.
- Red indicator light when charging, green indicator light when charging is complete.
- Open the connector cover on the bottom of the instrument and use the Type-c USB port to connect to a PC for photo and video data file copying.
- To use, unclip the bottom of the instrument and plug in the Type-C cable to access the display on the monitor or other long-distance transmission.

CAUTIONS

- As uncooled infrared telescopes use very sensitive heat sensors, the lens must not be pointed directly at a vital source of radiation (e.g. the sun, direct or reflected laser beams, etc.) under any circumstances (on or off) as this will cause permanent damage to the uncooled infrared telescope!
- Do not use organic solvents or sharp, hard objects to clean the infrared lens, as this may cause the lens film to fall off, etc. !
- Do not shine on the human eye when the laser indication function is on, as this may cause injury!
- When using the instrument for the first time, please check the power level and charge it for three hours before use if necessary.
- Do not open the housing or modify it without permission; repairs should only be carried out by authorized personnel.