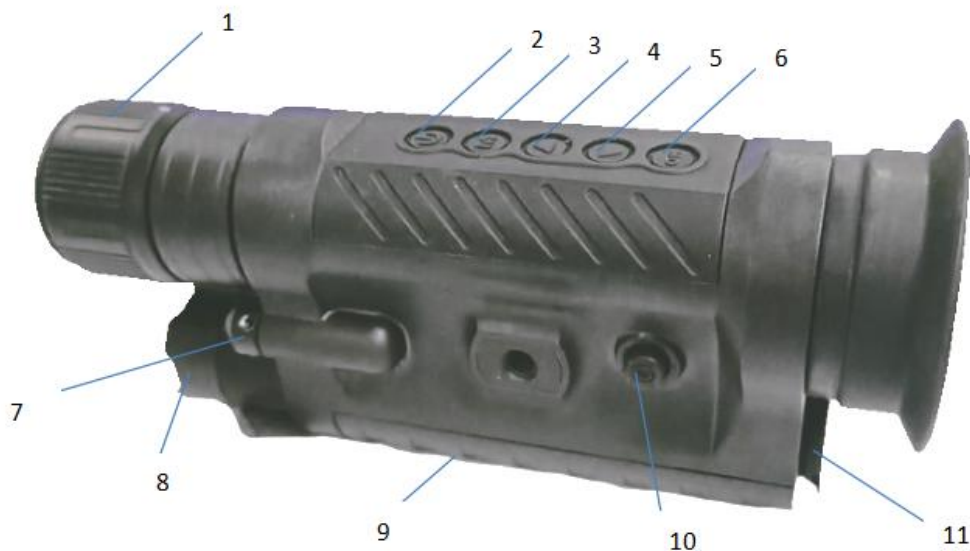# Description of infrared laser night vision instrument

1、Function introduction

1. Support 1080p 30 / 60 frames 720p 30 / 60 frames 480p 30 / 60 frames video recording

2. It supports optical zoom from 5m to 500m, with high manual fine-tuning accuracy.

3. Support 4.5X digital zoom

4.Support WiFi point-to-point, mobile app connection and 30m wireless transmission of audio and video

5. Support taking photos and audio recording

6. Support replaceable battery 26650

7. Charging time: 4 hours

8. With charging indicator

9. Support infrared night vision, integrated light compensation module (support focusing)

10. It supports USB and PC connection, and can directly copy files to the computer and play back videos

11. Support TF card storage, up to 128G

12. Full can be recorded continuously for 5 to 6 hours (depending on the length of time the laser is turned on).

2、Product description

1. Zoom lens (adjust the distance and definition)   2. On / off key (on, off)   3. Menu key (M / ESC) 4. Up key (move the cursor to the left or up, digital zoom in key)   5. Down key (move the cursor to the right or down, digital zoom out key)   6. Confirm key (OK / video recording / stop video recording)   7. Laser module   8. Infrared module (night vision light supplement)   9. Battery cover   10. Infrared switch   11 Function card slot (TF, type-C)

Button	Operation	Description (description of terms and abbreviations)
On / off button	Short press to start the machine in the shutdown state Press and hold for more than 3S to shut down in any state of power on	Switching on and off the machine is mainly used to start, shut down and cut off the power supply of the machine, in order to achieve the function of power saving
Up button	In the startup interface, short press is invalid, long press to preview the digital zoom amplification function, in the menu interface / view recorded video interface, short press to select the previous function; In the setting interface is the previous button	The down button is the digital zoom button. Click it to view the recorded video and become the previous button during setting.
Down button	In the startup interface, short press is invalid, long press to preview the digital zoom function, and short press to select the next function in the menu interface / view recorded video interface. In the setting interface is the next button	The down button is the digital zoom out button. Click it to view the recorded video and become the next button during setting.
Confirm button	In the startup interface, short press the video, long press the preview video file, and enter the playback menu; In the menu interface / view recorded video interface, briefly press to select the previous function; In the setting interface, is confirm button	The confirmation key is the recording key, the OK key and the exit key to enter the playback recording menu.
Menu button	In the startup interface, short press to enter the menu, and then short press again to exit; Long press to turn on the laser and long press to turn it off again.	Menu button, short press to enter the menu, and short press again to exit; Long press to turn on the laser and long press to turn it off again.

Product features:

1. Superior optical performance, clear imaging and high magnification;

2. Large integrated digital display screen, high-definition image display, reduce visual pain, stable and non occupying position, convenient and intuitive;

3. Accurately focus the targets at different distances to make the target image clearer, easy to capture and save high-definition images and videos;

4. WiFi wireless transmission allows users to connect through mobile devices and special software, and use mobile devices as viewfinder to facilitate recording and sharing pictures and videos;

Model: YSY-02

Magnification: 10x + digital 4.5X

Objective aperture: 32mm

Display size: 1.3 inches

Field angle: 6 ° -- 51 °

Transmission mode: WiFi 2.4G

Recording resolution: 1920 * 1080

Storage type: TF Card (maximum 128G)

Battery used: 26650 * 1

Usage duration: > 7 h (laser off, infrared, non recording mode)

Infrared fill light: 850nm 5W

FCC 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition, compliance with exposure requirements.