X16 Detector Pen

User Manual

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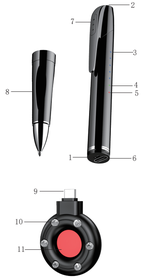


1.1.Product view

1	Power Switch	Left and right toggle power switch for turning the detector on and off
2	Function button	Short press to adjust the sensitivity; long press to switch modes
3	Blue light	There are a total of 5, more lights means higher sensitivity or stronger wireless signal
4	Green light	Enter strong magnetic detection mode
5	Red light	Being charged, the light will go out after full charge
6	Type-C interface	Charging interface, infrared scanner interface
7	Pen clip	Easy to fix the detector pen
8	Nibs	This is a removable nib
9	Type-C interface	For connection to detector pen or phone type-c port
10	LED lights	When connected to power, it can make up light for infrared scanning mode.
11	Viewfinder	Find the IR lenses of various hidden devices here during IR scanning mode

2.Product parameters

Charge Port	Typ-C
Work Time	About 25 hours
Input Voltage	DC 5V/1A
Battery	3.7V/150mA Polymer-Lithium-Batterie
Antenna Gain	-56db
Sensitivity	5 Levels
Receive frequency range	1 MHz - 6.5 GHz
Signal detection range	5cm-8m
Laser detection distance	10cm-6m
Material	PC

3.Operating procedure

A.Wireless signal detection (e.g.:wifi camera,bug,gps tracker.)

(1)Unscrew the lower end of the detector pen clockwise, then toggle the On/Off button (parts number 1). After hearing the beep, the device enters wireless signal detection mode (default first mode).

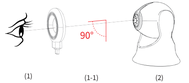
(2)Short press the top button of the detector pen (parts number 2) to adjust its wireless signal detection sensitivity. There are 5 levels in total, the more the blue light is on, the higher the sensitivity is.

(3)If all the blue light of the detector pen is long and bright, and there is an extended beep, indicating that there is a strong wireless signal source in the direction of the top of the detector pen, then you can look in that direction to see if there is an illegal wireless signal device.

(4)In order to narrow the range of wireless signal detection and enhance the accuracy of detection, it is recommended that the use of the detector pen to 2 or 3 levels of sensitivity (2 or 3 blue lights on). If the wireless signal has not been detected and still feel worried when the detector pen can be adjusted to 4 levels to detect to confirm the presence of some illegal devices.

D.How to charge the detector pen?

(1)Please use 5V/1A charging adapter and type-c usb cable to charge the detector pen, the red light of the detector pen will light up when charging and will go out when full, this process takes about 1 hour.



B.Hidden camera detection

(Note: Better detection of hidden cameras in dark environments)

(1) Connect the IR scanner directly to the detector pen (with or without power on) through the Type-C port(parts number 6 and 9)to enter IR scanning mode.

(2) Move the IR scanner slowly and look for hidden cameras in the viewfinder. When you see a red dot in the viewfinder, there may be a hidden camera there, check it out.。

C.Strong magnetic equipment detection

(1)When the detector pen is on, long press the button on the top of the detector pen (parts number 2) to release when you see the light turn green, so that it enters the strong magnetic detection mode. In this mode, when the detector pen detects the gps car tracker, hidden eavesdropping devices, etc., you will hear a beep tone.

(2)Because many gps trackers or eavesdropping devices can be set to 12 hours or longer to transmit a signal, so in the detection of these devices it is recommended that you turn on the detection pen placed in your suspected office or car, so that when it can better protect your privacy.

4.Frequently asked questions and answers

Q:Why does the detector pen keep beeping sometimes when in wireless signal detection mode?

A: Our life now is full of a variety of wireless signals, will cause interference with the detector, so it is recommended to use 2 or 3 levels of sensitivity detection, in a familiar environment, you can first turn off the surrounding known routers, radios, cameras, and turn the phone to sleep, and then open the detector will reduce a lot of interference; in an unfamiliar environment, you can use different sensitivities from high to low detection several times to determine the room's wireless signal devices, to carefully check the direction of those who can not see the wireless device but will have a beep.

Q:Why when the detector pen near the windows of some rooms there will be a lot of noise?

A: The window is made of aluminum alloy,which forms a loop antenna,and the signal reception is particularlu good.

Q. Why can't some cameras be detected?

A: If you are using the wireless signal detection mode, and the WiFi camera is not working, the detection pen is unable to detect it. It is recommended to use the wireless signal detection mode detection and then use the infrared scan mode detection once.

Q. Why is the silent sleep tracker not detected?

A: The commonly used sleep tracker works once a day and can only work for 5-7 minutes at a time. If the tracker is not working during detection, it will not send a signal, so it cannot be detected.For this situation it is recommended that the detector pen be turned on and placed in the location you want to detect for more than 1 day.

Q. Why is the location detection of the real-time locator inaccurate?

A: The real-time locator generally sends a signal every 10 seconds. Please do not move back and forth during detection. It is best to fix it in one location for more than 5 minutes, and then change to another location to continue detection.

FCC Warning Statement

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

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.