

VIZIR
Hidden Camera Detector

1. Purpose

Vizir Hidden Camera Detector is designed to detect and locate hidden video cameras (camouflaged in the interior) of the 'pinhole' type according to the optic parameters and regardless of their status (on / off).

2. Technical Characteristics

Camera lens is detected and localized by the light location method.

When a hidden camera lens is detected, there will be a spot of green or red in the lens of the Vizir device. That is the result of illumination reflection from the video camera.

№	Parameter	Value
1	Detection range (depends on the light conditions - lightning of the room)	from 0,5 to 70 m
2	Angle of view	6,0 degrees
3	Multiplicity	8,5x
4	Focusing range	from 50 cm to ∞
5	Operation Mode	- continuous green - continuous red
6	Type of light	LED

7	Number of LEDs	24 pcs
8	LED colour	green, red
9	Power Supply	Li-ion 3,7 V Rechargeable Battery
10	Indication of battery charge level	yes
11	Protection against deep discharge/overcharge	yes
12	Power off timer (after 15 minutes)	yes
13	Battery life (rechargeable battery is fully charged)	up to 3 hours
14	Weight	380g
15	Weight of the device including package and charger	680g

In Box

1	Vizir Hidden Camera Detector	1 pc.
2	Li-ion 3,7V built-in rechargeable battery of SD14500 type	1 pc.
3	Charger	1 pc.
4	Strap	1 pc.
5	Transport bag	1 pc.
6	Operation Manual, Passport	1 pc.

3. Installing the Batteries

ATTENTION! The device is powered from the built-in (removable) battery of **SD14500** type.

It is allowed to replace the battery while operating the device.

To replace the battery:

- unscrew four screws securing the cover
- dismantle the cover to get to power supply container
- remove the battery from the power container
- install a new rechargeable battery of **SD14500** type into the power container observing polarity on the container
- install the cover and fix it with the screws
- charge the battery (see p. 4).

4. Battery Charging

ATTENTION! Before using the device, charge the rechargeable battery. The battery is charged when the device is off.

The rechargeable battery is charged using the charger from the delivery set.

Connect the charger to the 220V (50Hz) network.

Connect the charger to the device to the CHARGE socket.

When the charger is connected to the device, there will be a red CHARGE indicator on the device, marking the beginning of the charging process.

When the rechargeable battery is charged, the CHARGE indicator changes its color to green.

Disconnect the charger off the device, then off the 220 V network.

The device is ready to start operating.

ATTENTION! When the device is stored for a long time, it must be recharged at least once every 3 months.

5. Controls

Turn the device on/off using the ON / OFF button.

Press the ON / OFF button to turn on the device. When the device is switched on, a green indicator is on.

Press the ON / OFF button again to turn off the device (the indicator is off).

Switch the backlight modes using RED / GREEN control button.

When the device is on, pressing and holding the RED / GREEN control button switches the lighting mode of the device.

Press RED for red light. Press GREEN for green light.

Adjust the focus of the device using a focusing ring located at the top of the binocular and a dioptic correction ring on the right eyepiece.

Adjust interpupillary distance by moving the eyepieces.

6. Device Functional Testing

Set the test pinhole lens (not in the delivery set) at a distance of 2-3 meters in the way that the lens focuses

directly on the place where you will be standing. Turn on the device by pressing the ON / OFF button. When the device is on, green indicator lights up. Turn on the selected illumination by pressing the RED / GREEN control button. While directing the illumination to the location of the test lens, check in the eyepieces, whether you see a red or a green spot in the lens. Similarly, the lens of a hidden video camera will be visible when checking the room.

7. Operating the Device

ATTENTION! Before using the device, charge the rechargeable battery.

Before using the device, determine the places in the room, where cameras could most likely be installed. This is required for a more thorough check of these places.

To detect a video camera, it is recommended to stay in a place which is supposedly a subject of hidden surveillance.

For example. If it is supposed that the director's desk is under hidden observation, it is required to sit at this particular desk and search for video cameras from this point.

The device is used to systematically and smoothly inspect the premises.

When a green or red glaring spot (depending on the applied illumination color) is detected, it is necessary to inspect the place from a close distance and determine the source of glare.

The test can be carried out under regular light conditions. But a more reliable test is achieved in darkened premises.

8. Recommendations for detection of hidden cameras

The main rule when searching for hidden video cameras is to be in the place that most interests the installers of video cameras (or between the supposed location of the camera and the place under record).

Most likely such places are:

places of work (tables behind which people are sitting), places of rest (armchairs, sofas, beds).

In case of monitoring the attendance of the room, a video camera can be aimed at the doorway.

Detection of at least one video camera does not mean the room is fully checked. It is necessary to take into account that there can be several video cameras. Therefore, it is required that the entire room is checked.

A large number of glare objects in the room (mirrors, glass, etc.) can significantly complicate detection of hidden video cameras. These places need to be checked more carefully. If a glare is detected, it is necessary to change the angle, under which the surface is inspected. It is often enough to move a step forward or aside and the glare will disappear. Meanwhile, a glare of the camera lens will not disappear.

Spy cameras can be installed in any part of the interior suitable for this purpose. These can be suspended ceilings, souvenirs, video and audio equipment, paintings, decorative ornaments, etc.

When searching, avoid direct sunlight in the room. Therefore, when searching, it is recommended to shut curtains in the room under test.

These recommendations are valid when working with any hidden camera detectors used to detect and locate video cameras according to optical parameters.

9. Safety Instructions

Attention! The device is equipped with glass optical elements. In the event of breaking any of them, the device must not be used in order to avoid personal injury.

Do not aim the device with the backlight at people's eyes (short-term exposure is safe).

Avoid direct sunlight and overheating the device. Avoid high temperatures (over 60 ° C). Do not leave the device under low temperatures for a long time.

The device is designed to operate at temperature range from 5 ° to 40 ° C.

To clean dirty optics, use only wipes designed to clean optical devices.

Do not disassemble or throw the device.

Transport the device only in the transport bag.

10. Manufacturer's Guarantee

The manufacturer guarantees correct operation of the device within 12 months from the date of sale provided the owner carefully observes operation rules.

During warranty period, in the event of failure of the device, the owner is entitled to free warranty repair upon

presentation of this instruction. In case of mechanical damage, the right to warranty repair is lost.

Warranty service is made by the Seller of the device. The warranty does not cover power source (rechargeable battery).