

## Q&A:

### Question

Is there a certain recommended way to hold the detector?

### Answer

The short answer is yes. The sensor is located at the upper half of the detector and some objects, including your hands if placed between the transmitter and the sensor can interfere (attenuate) the signal level that reaches it. See illustration image on the recommended way to hold the detector for maximum sensitivity.

## Warranty:

The **CelloEye** comes with a one-year limited warranty.

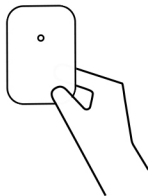
For more information, or to contact us, please email to: [support@envirosens.com](mailto:support@envirosens.com)

## Maintenance:

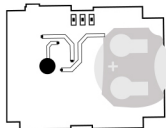
Always keep the device away from excessive heat or humidity.

**Note:** *Please remember to follow local ordinances regarding disposal of electronic equipment.*

### >How to hold the detector



### >How to insert the battery



\*The plus side of the battery should face upwards.

# CelloEye RF Detector



Manual Booklet

## Introduction:

The CelloEye is a small size RF [radio frequency] detector capable of detecting a wide range of devices which are using RF for communication and other operations. Some examples are cell phones, cell towers, Wi-Fi routers, Bluetooth devices, wireless phones, smart meters, wireless cameras and bugs, microwave ovens and more.

## Operation:

Once a battery is inserted, the detector is operating in an always on mode [there is no on/off switch]. Once a RF signal is detected above the threshold and within the frequency range [see detectors specs], the detector's light will turn on.

## Important Notice:

This detector is intended for non-professionals to detect and learn about RF transmissions with a simple, intuitive, interface. The detector is intended as a visual guide, and not to indicate safe or unsafe levels.

While this detector is intended for detecting Radio Frequencies above 10 MHz, it can also detect low frequency electric fields that are above 1,000 V/m. There is no way to distinguish between the two using this detector.

## Package content:

- 1 x CelloEye detector
- 1 x CR2032 battery
- User manual

## Applications:

- Scan the environment for RF transmitters. Detect RF from cell towers, smart meters, WiFi, Bluetooth and other various wireless/cordless transmitters.
- Spy camera, wireless bug finder.
- Capture smart meters transmission behavior.
- Science projects, learn which devices use RF for transmission.

## Specs:

- Frequency range: 0.01 – 24 GHz.
- Sensitivity: down to 0.1 mW/m<sup>2</sup>
- Uses 1 x Cr2032 battery.
- Operation typically 4+ years\* on a single battery.
- Dimensions: 56 x 39 x 12mm.
- Net weight: 18g.

\*When the light is on an average 8 minutes per day.

## Q&A:

Question	Answer
No light is showing on the device, what could be the reason?	<ol style="list-style-type: none"><li>1. Make sure the battery is in good condition.</li><li>2. Make sure the battery is inserted in the right polarity [see illustration above].</li><li>3. Make sure there's some transmitter nearby, for example, hold the detector close to a Wi-Fi router.</li></ol>
Why isn't the detector's light constantly on when I'm holding it close to my cell phone?	Cell phones don't usually transmit constantly. Transmissions usually happens either when you're using the internet or a Bluetooth connection, or being on a call [although even then transmission can be intermittent].
Why do I get different results when holding the device at different directions?	RF transmissions are both usually directional, reflective and also sensitive to different types of blocking. It is possible that at different holding angles you will receive different results.