RF Signal Detector with Environmental Adaptation
SKU: CD2100

USER MANUAL
FCC CE

Updated 04/12/2018
Version 1.2
THANK YOU FOR PURCHASING THE CD2100

Please read this manual before operating the camera and keep it handy.

Are you worried about privacy in your home, office, bedroom, or bathroom? You've seen the hidden cameras and wireless taps on our site, but you want to ensure they aren't tracking you. Check your home or office for hidden cameras, GSM, WIFI, IP, and wireless devices. Wireless transmitters vary in signal strength. Some are designed to transmit as far as three miles away while others can only be received one room away. In this case, this unit is set to automatically adapt to your environment. This means that having to deal with a sensitivity adjuster is NO MORE!

Your purchase should include:

- 1 x CD2100
- 1 x Earbud
- 1 x Charging Cable
- 4 x AAA Batteries
- 1 x Instruction Booklet
- 1 x Red Light Lens Finder

Contact 770-694-6923 if you are missing any of these components.
GET FAMILIAR WITH YOUR CD2100

1. Power Indicator Light
2. Vibration Mode
3. Beep Mode
4. High Signal
5. CAM/BUG/LTE Indicator Light
6. WiFi Indicator Light
7. Battery Low Indicator Light
8. Charging Indicator Light
Manual Environment Adaptation Buttons
OPERATING THE CD2100

BEFORE YOU START

1. You must install batteries into the device. The battery compartment is located in the rear. Remove the battery cover, and install 4 AAA batteries in the back, according to the + - indication. Put the battery cover back on once installed.

2. This device can operate using AAA batteries or rechargeable batteries. If you choose to use rechargeable batteries, you need to install them, then plug the charging cable into the device (see page 4). The LED for “Charging” should light up. Make sure the device is fully charged before first use.
   a. Note: This device can work with AAA batteries or rechargeable batteries. NEVER connect a battery charger or external power pack when using non-rechargeable batteries.

3. If the red LED next to Battery Low is on, it means the device is low on battery. You either need to replace or recharge the batteries.
   a. Note: If the switch of the device is kept “on” and the battery is not connected to a power source, the battery can be damaged. Please set the switch to “off” and connect power or replace batteries.
   b. Note: If you leave a rechargeable battery plugged in and charging for MORE THAN 6 hours, you can damage the battery.
   c. Note: When not using this device for an extended period of time, remove the batteries to prevent damage.

HOW TO TURN ON THE DEVICE

1. The power switch is located on the side (see figure on page 4 to locate).
2. To turn the device on, flip the switch to the “1” position.
3. The device’s LEDs will light up every time it is switched on. Each light will then turn off, until only the Power and Beep LEDs are lighted. This is a self-test the device performs automatically, in order to automatically adapt to the current environment.

HOW TO CHANGE WARNING MODE SETTINGS
1. The default warning mode of this device is Beep.
2. You can use the two buttons on the left side of the device’s front to change the warning mode. Press the two buttons together to switch to Vibration mode.
3. To get the device back on Beep mode, press the two buttons once more.

HOW TO USE THE DEVICE
1. Pull out the antenna and switch on the device. After it has completed its self-test, the Power and Beep LEDs should be lit. Then the Yellow and Blue LED will start to blink, indicating the device is detecting.
2. If more than one strength indicating LED lights up and the device beeps/vibrates, it means there is a RF (wireless) device operating in the vicinity.
3. When the LEDs (4-6 on page 2) light up, the device is detecting:
   a. Hi Signal (4) – This means the signal being detected by the device is very strong.
   b. CAM / BUG / LTE (5) – This means the device is detecting Analog and Spread spectrum signals of a wireless camera, wireless bug, signal jammer, 2G / 3G / 4G cell phones, etc.
   c. Wi-Fi (6) – This means the device is detecting signals of Wi-Fi, IP cameras, wireless digital cameras, etc.
Note: If the Hi Signal light turns on and stays on immediately, walk around the area you are scanning. If the light stays on, it means there is too much interference from the environment. We recommend turning off all devices that emit electric signals before attempting to scan the area.

HOW TO LOCATE THE SIGNAL SOURCE

1. If you find a strong signal, there could be a hidden camera/bug emitting signal. This device can help you to locate where the signal is strongest.
2. Set the warning mode to Beep or connect headphones to find the signal source. You cannot use Vibration mode to help find the source.
3. Point the device to where the LEDs and speaker are facing you, and the antenna is facing upward.
4. Hold the device and scan the area where the signal is strong. Move forward one step towards where the signal appears strongest. When the 8-LEDs indicating signal strength light up into the red, press the – (minus) button on the device’s side (see page 5) to decrease the level of sensitivity.
5. The 8-LEDs indicating signal strength will reduce to 3 or 4 LEDs. Hold the device to scan the area, and move forward one step to the strongest signal direction.
6. Repeat steps 3 and 4 until you locate the signal source.

HOW TO USE THE LENS FINDER

1. Attach the lens finder to the bottom of this device by inserting the plugs into the 2 corresponding sockets on the bottom. Make sure the 8 bright lights on the lens finder are facing the same direction as the LEDs on the main device. The lens finder will not work if it is inserted in the wrong direction.
2. Press down the On/Off switch on the lens finder. The 8 lights should start blinking.
3. Point the light beam towards the suspected area and scan slowly to check for the reflection of any hidden devices.
   a. It is easier to identify lenses if you look through the red viewfinder on the lens finder.

TROUBLESHOOTING

THE DEVICE WON’T TURN ON
- Make sure there are batteries installed, or that the batteries have been charged.

THE DEVICE LOST SIGNAL WHILE SCANNING
- Press and hold the “Env. Adapt” button for 3 seconds. The device will run environment adaptation once, and the device will continue to detect signals.

THE HI SIGNAL LED WILL NOT TURN OFF
- Make sure other devices in the area that emit electric signals have been turned off and/or unplugged.
- Use the “Env. Adapt” button to adjust the sensitivity until the Hi Signal light turns off.
- This can also indicate a strong signal. See the “How to Locate Signal Source” section.

OTHER PROBLEMS
- Call our technical support at 770–694–6923
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Detecting Range</th>
<th>50 MHz ~ 6.0 GHz</th>
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<tbody>
<tr>
<td><strong>Dimension</strong></td>
<td>11.6cm x 7cm x 3.3cm (not including antenna)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>About 160g (not including batteries)</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>5V DC switching power adapter, OR AAA / UM-4 rechargeable battery or regular battery</td>
</tr>
<tr>
<td><strong>Warning Mode</strong></td>
<td>LED Indication</td>
</tr>
<tr>
<td></td>
<td>Beep Alarm Sound</td>
</tr>
<tr>
<td></td>
<td>Hi Signal</td>
</tr>
<tr>
<td></td>
<td>Vibration</td>
</tr>
<tr>
<td></td>
<td>Earphone (Silent Detection)</td>
</tr>
<tr>
<td><strong>Detecting Distance</strong></td>
<td>Wireless Bug (2mW) ~ Up to 5 meters</td>
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<tr>
<td></td>
<td>2.4GHz WiFi ~ Up to 10 meters</td>
</tr>
<tr>
<td></td>
<td>10mW 2.4GHz Wireless Camera ~ Up to 7 meters</td>
</tr>
<tr>
<td></td>
<td>10mW 5.8GHz Wireless Camera ~ Up to 0.8 meters</td>
</tr>
<tr>
<td></td>
<td>GSM Cell Phone ~ Up to 15 meters</td>
</tr>
<tr>
<td></td>
<td>Smart Phone ~ Up to 4 meters</td>
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<tr>
<td></td>
<td>3G 2100 Cell Network ~ Up to 7 meters</td>
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*Please note: The detecting distance will vary based on the signal strength.*