

# SH-055UMW Versatile RF Signal Detector

**GSM phone / Smartphone / Wireless Bug / Wireless Camera**

Made for general use, no need of professional electronic training or knowledge

## VERSATILE & WIDE FREQUENCY RANGE

This device is a **VERSATILE** RF signal detector which can detect most of the wireless devices, so as GSM phone, Smartphone, WiFi, Wireless bug and Wireless camera (both analog and digital wireless cameras), etc.

This device has 2 antennas of 2 detectors, one detector is special for 3G 2100 (or 3G 1900 according to order) and another detector is a general detector covering **50 MHz ~ 6.0 GHz**, with improved cellphone detection ability to make this device as a **universal** cellphone detector.

## WON'T INTERFERE WITH 2-WAY RADIO EASILY

This device can detect most of 2G / 3G / 4G cellphone communications. This device is special designed **insensitive with 2-way radio**. It won't be interfered with 2-way radio easily. This feature makes this device well suited to use in the places not allowed for cellphone communication and the security person communicate via 2-way radio.

## SIMPLE & DIRECT INDICATION

### VISUAL & AUDIBLE WARNING MODES

This device will alert you with LED and beep when to detect wireless signals.

### DISTINGUISH THE SIGNAL TYPE

This device can distinguish the signal type, **analog or digital**.

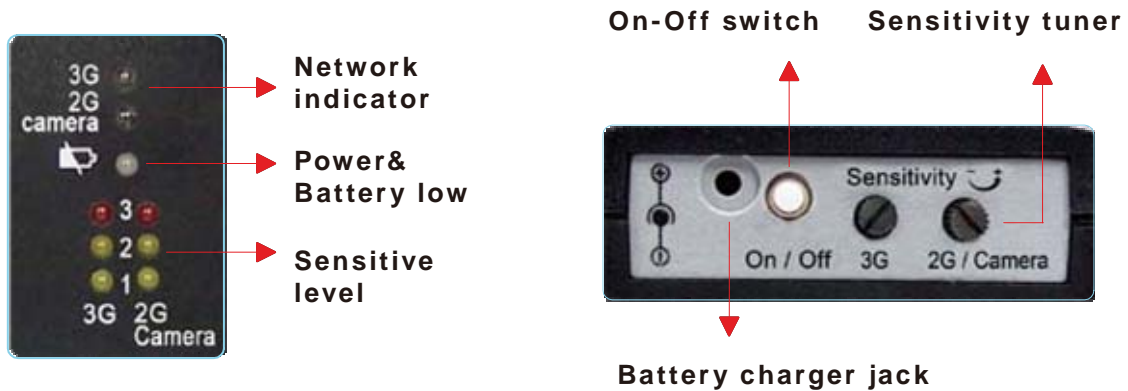
**Analog signal:** Wireless bug, Video wireless camera, 2-way radio, etc.

**Digital signal:** WiFi, IP camera, Digital wireless camera, Cell phone, etc.

## DISCOVER GSM / 3G BUG & SPY CAMERA

This device can **detect and locate GSM / 3G bug (hidden microphone) and 3G spy camera** which are applied GSM / 3G technology to be remote controlled by cellphone from anywhere.





## DETECTING NETWORKS and FREQUENCY RANGE

This device can detect most of cellphone networks and other wireless device as listed below.

1. GSM 850, GSM 900, GSM 1800, GSM 1900
2. CDMA 850, 3G 850, 3G 900, **3G 2100**
3. 4G 700, 4G 800, 4G 900, 4G 1800, 4G 2300, 4G 2600
4. Wireless camera, bug and WiFi during **50 MHz - 6.0 GHz**



## SENSITIVITY TUNER and SIGNAL STRENGTH INDICATION

This device has two respective sensitivity tuners for the 2 detectors in the bottom side. The sensitivity tuner has 2 functions:

1. Adjust the detection threshold (signal measure standard)
2. Reduce the detecting distance to locate and approach the signal source

Turn the sensitivity tuner to - (minus) side to decrease the sensitivity and the detecting distance will be shorter.

## INDICATION of NETWORK and BAT LOW

This device has 2 network indications (LED) of 2G / Camera and 3G to show the type of detected signal respectively. Factory default network of 3G detector is 3G (UMTS) 2100, can replace with 3G 1900 (America area) upon request.



## ALERT INDICATION

1. Cellphone activity detected with a network indicator.
2. Signal strength indication bar shows detected signal strength.
3. Earphone output: Use earphone hearing without other's awareness.
4. Power on and Low battery

## STANDBY / IDLE PHONE REGISTRATION DETECTION

When the signal strength of cell site weakens, the cellphone will re-scan the cell site to do new registration automatically. Or the cell site will initiate registration on its own by sending a signal to the cell phone causing the phone to transmit and identify itself.

This device can detect the standby / idle phone when it does registration with the cell site. The interval time and number of times of registration is different among different networks and cell phones.

## INTERNAL BATTERY

The device has its own internal rechargeable battery power which allows this device to be operated for 4 hours. When battery power runs down, the battery low warning indication will light up in red to warn the user.

**Specially designed for easy and simple use, does not require complicated installation or any professional knowledge.**

**Specification** \* Specification may change without prior notice.

<b>Power</b>	1. Built-in rechargeable battery 2. Switching power adaptor
<b>Battery life</b>	About 4 hours after full charge.
<b>Detecting frequency band</b>	1. 2G, 3G, 4G Cell networks 2. Wireless camera and bug: 50 MHz - 6.0 GHz
<b>Dimension</b>	L 150 x W 80 x T 30 mm
<b>Weight</b>	About 310g
<b>Warning mode</b>	1. LED for cellphone activity indication 2. Beep 3. Signal strength indication
<b>Operation temperature</b>	0 - 40 centigrade
<b>Humidity</b>	5% ~ 80%

**OEM/ODM  
are welcome**

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