

CAM-GX5

Cellular Activity Monitor

2G/3G/4G/5G
Signal
Detection with
Worldwide
Coverage

2.4 & 5GHz
Wi-Fi/Bluetooth





FEATURES

- Detects 2G/3G/4G and the latest 5G devices - plus WiFi/Bluetooth/2.4GHz and 5GHz Devices
- Detects Mobile Phones, Smartphones, GPS Trackers, SMS (Texts), GSM Bugs, 3G/4G/5G Video, Bluetooth & WiFi Devices, Store & Forward devices
- Worldwide Cellular Coverage - Simply select the relevant region.
- Separate 2.4GHz & 5GHz band detector for WiFi/Bluetooth/Video and other latest generation devices
- Increased Sensitivity across all bands - Detects signals from up to 50 metres
- Cellular Event Log records Time/Date, Band, Duration & Signal Strength of up to 4000 Events
- Log can be viewed on screen and downloaded to USB stick for storage/viewing on a computer
- Graph Mode plots real time or historical graph of all detected cellular bands
- 3.5-inch Colour TFT Display with easy to use menu driven operation.
- Adjustable hinged antenna
- Audible Signal Strength 'Beep' and Silent Vibrate Mode.
- Machined Aluminium Enclosure for maximum durability
- Internal Lithium Polymer battery pack – Charger supplied
- Supplied in Heavy Duty Military Standard Carry case

The **CAM-GX5 Cellular Activity Monitor** is a handheld multiband cellular signal detector ready for the latest generation of 5G devices (as well as existing 2G, 3G & 4G), plus the latest WiFi/Bluetooth devices.

The CAM-GX5 is designed to detect and locate transmissions from cellular mobile phone-based devices including mobile phones, smartphones, vehicle trackers, Wi-Fi Hotspots, GSM listening devices (bugs) and covert wireless 3G/4G/5G cameras.



A complete ground-up redesign means the CAM-GX5 now has Worldwide multiband coverage. It can be used in any environment where cellular devices are forbidden such as sensitive meeting rooms to check for hidden devices, unauthorised mobile phone usage in offices, exam halls, hospitals or prisons and in vehicles to locate the latest hidden tracking devices. The CAM-GX5 also has a separate 2.4GHz band and a new 5 GHz band detector for the rapidly growing threat from Wi-Fi/Bluetooth Store & Forward and Video devices.

It offers unprecedented levels of detection in a handheld unit and logs all cellular activity within range. Simply select the International region the device is being used in and the CAM-GX5 will detect signals from all the relevant cellular bands. This means the CAM-GX5 is ready for the rollout of the latest 5G devices, worldwide. Of course, all existing 2G, 3G and 4G bands will also be covered.

A new powerful high-gain RF front end ensures detection up to 50 meters depending on signal strength and ambient conditions. The CAM-GX5 is supplied with a new adjustable hinged antenna design for optimum performance and flexibility.

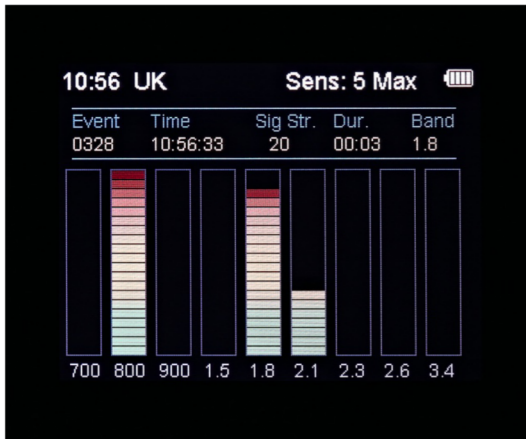


A new keypad design means operation is simple and intuitive. All information is displayed on a colour TFT screen that allows the user to perform real time detection or to view events that have previously occurred. Each band has an individual 20 element signal strength meter enabling the precise source of a detected signal to be located with ease. An audible 'Beep' mode allows the user to monitor without looking at the display and a silent Vibrate mode can also be used for particularly sensitive areas.

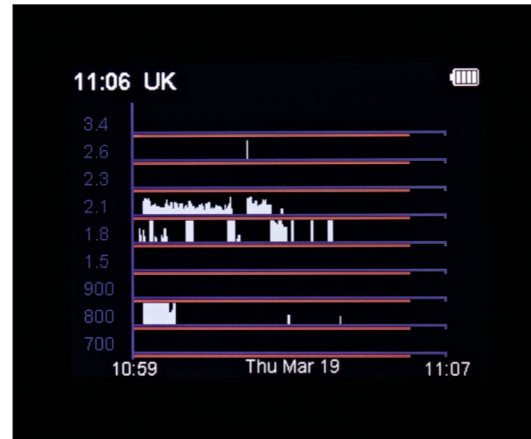
Up to 4000 cellular events can be stored within the CAM-GX5 for viewing as a list or graphically. For each detected signal (no matter how long or short) it will record the Time/Date, Duration, Band detected and Signal strength. This can be particularly useful in identifying the type of device that is being detected. For example: a string of regular short bursts in one particular band may represent those from a GSM/GPS Tracking device. These could be clearly viewed in Graph Mode as lines of regular spacing representing the pulsing nature of the transmission. Also by looking at call activity at certain times of the day may help identify unauthorised phone use in sensitive areas such as prisons, company board rooms, exam halls, etc. The entire event log can also be downloaded to a USB stick for storage or transfer to a computer where it can be viewed/sorted for analysis or reporting.

The CAM-GX5 features an additional separate 2.4GHz and new 5 GHz Wireless real time/log detection mode. This is designed for detection of the threat from the latest generation of wireless devices which use these bands such as Bluetooth and Wi-Fi devices. Such devices can for example, record audio over long periods and then transmit it in short regular bursts. It will also detect other devices that use these bands such as wireless video. Complex algorithms analyse the detected signals to help identify the signal type i.e. Bluetooth, Wi-Fi, or other 2.4 GHz or 5GHz signal. The 2.4 GHz & 5 GHz detection mode stores the last 24 hours of activity which can be viewed graphically for later analysis.

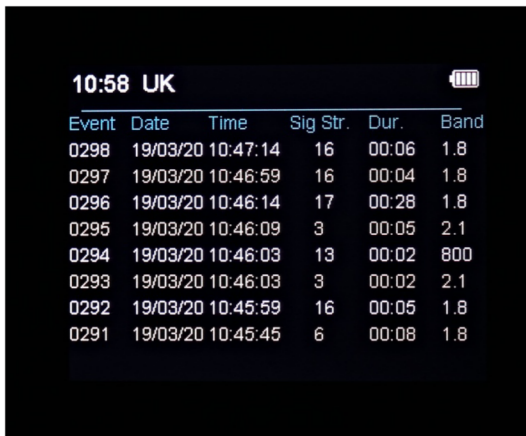
The CAM-GX5 is designed and manufactured in the UK to the highest specification and is enclosed in customised machined aircraft-grade aluminium enclosure. It uses an integral Lithium-Polymer battery pack and is supplied with an international charger. The complete system is supplied in a compact heavy-duty military standard carry case for ultimate protection.



Live Cellular Mode showing three detected signals

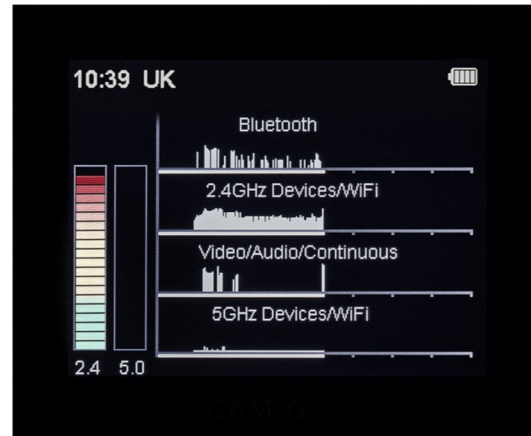


Live Cellular Graph Mode (8 Minutes)

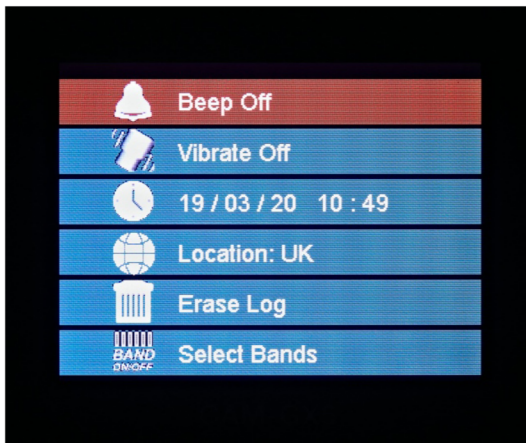


Event	Date	Time	Sig Str.	Dur.	Band
0298	19/03/20	10:47:14	16	00:06	1.8
0297	19/03/20	10:46:59	16	00:04	1.8
0296	19/03/20	10:46:14	17	00:28	1.8
0295	19/03/20	10:46:09	3	00:05	2.1
0294	19/03/20	10:46:03	13	00:02	800
0293	19/03/20	10:46:03	3	00:02	2.1
0292	19/03/20	10:45:59	16	00:05	1.8
0291	19/03/20	10:45:45	6	00:08	1.8

Detected Cellular Event Log list



2.4/5GHz Mode showing detected Bluetooth & Wi-Fi



Settings Menu



USB Stick Socket for Event Log download

SUPPLIED ACCESSORIES

- Adjustable hinged antenna
- 5V Micro USB Charger - 110V to 240V AC input (Auto Switching) with International Adaptors
- Heavy Duty Military Standard Carry Case



TECHNICAL SPECIFICATION

Typical Performance Characteristics - at 20 degrees C

Regions covered	UK, EUROPE, ASIA, AFRICA, NORTH AMERICA, SOUTH AMERICA, AUSTRALIA
Detection Frequency Range	International bands - (300 MHz to 6 GHz) – Maximum 10 displayable bands
Sensitivity	-70 dBm Max
Display	TFT Colour 3.5" High Contrast Graphic Display
Battery	Internal Lithium-Polymer rechargeable Operating duration – fully charged battery – up to 6 hours
Charging	Micro USB socket - Charge Time ~ 4 hours
Operating Temperature Range	-15 to +50 degrees C - Relative Humidity < 90%
Dimensions	173 mm x 103 mm x 25 mm
Weight	Main Unit - 400g Carry Case Complete - 1.6 Kg
Signal Processing and Control	RISC Based Microcontroller with real time clock
Event Log	Maximum 4000 Events – Cellular Log Maximum 24 Hours – 2.4/5GHz/Wi-Fi/Bluetooth Log
USB Socket	For USB Stick download only