

■ Non-linear junction detector EDD-24T

The EDD-24T is a compact handheld Non Linear Junction Detector or NLJD. It will detect the presence of semiconductor circuits that are used in all modern electronic devices such as mobile phones, tracking devices, listening devices, covert cameras, digital voice recorders, SIM cards etc. Importantly, the EDD-24T will detect such devices whether they are switched on and in use, powered on but in standby mode, or even switched off without any power.

Application

- Search for active and passive electronic eavesdropping devices;
- Detection of SIM Cards, Mobile Phones, Bugging Devices, Voice Recorders, Covert Video cameras etc;
- Search for other electronic devices comprising semiconductor elements;
- Checking parcels and mail for dangerous attachments containing semiconductors.

Features

- High detection sensitivity at a low output power;
- "Silicon" or "Metal" probability Indicator;
- Additional opportunities to identify the response provided by the analysis of signals in the "DEMODO" mode;
- Ergonomic design and low weight of 750g provides maximum comfort for the operator;
- Machined aluminium enclosure;
- 4.5 hours of operation from one charge;
- Military grade carry case.



Specifications

Transmit Frequency	2.400 GHz to 2.425 GHz (ISM Band Type B)
Transmit Power Level	Up to +30dBm (1 Watt)
Radiated Power Antenna	Up to +36dBm (4 Watts) within allowable limits of ISM band (Type B)
Display	3.5 inch Colour TFT Daylight Readable
Receiver Sensitivity	40dB (5 values with 8dB increment)
Receiver Bandwidth	visual (Light), sound
Battery	3.7V Lithium Polymer Internal rechargeable
Battery life	4.5 Hours (Minimum TX Power) 2.0 Hours (Maximum TX Power)
DC Charge	Micro USB Socket 5V 1A
Charger	Input 110/220V Auto-switching - International Adaptors
Output	5V DC 2A
Audio	Internal Loudspeaker or via 3.5mm Earphone Socket
Operating Temperature	0 to +40 degrees C
Enclosure	Machined Aluminium Enclosure with Plastic Antenna Cover
Weight	Main Unit 700g with Carry Case 2.0kg
Dimensions,mm	225x118x51
Carry Case	Military Standard 321mm x 229mm x 111mm

Handheld RF Spectrum Analyser

HSA-Q1

The HSA-Q1 is a fully integrated portable RF Spectrum Analyser designed specifically for professional countermeasures use. With a frequency range of 0 to 13.4 GHz and sweep time of just half a second, it offers unprecedented performance in a truly handheld package.

Features:

- Frequency Range 1 MHz to 13.44 GHz
- Sweep time of just 0.5 seconds (Full Range)
- Spectrogram Waterfall Function for detected signal analysis
- Tune & Listen demodulation function - AM/WFM/NFM
- Data Logging to USB Stick with Time & Date stamp
- Background Memory Function to compare previous sweeps
- Very High RF Sensitivity (-80 dBm Sweep, -100 dBm Direct Tune)
- 6" TFT Display Screen - Outdoor Readable
- Audio through internal Speaker or Earphones
- Multi-element custom antenna supplied
- Internal Lithium Polymer Battery - 4 Hours Battery Life
- Weight just 1.3kg
- Machined Aluminium Enclosure
- Supplied in Compact Military Standard Carry Case



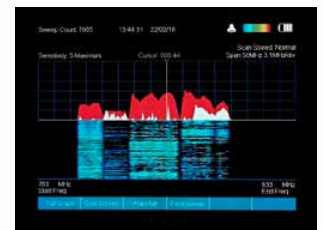
Data Leakage Channels Detection

HSA-Q1 has been designed with the highest possible technical specification to ensure maximum detection capability and has a range of invaluable features to aid countermeasures RF detection or 'Sweeps'. Despite its technical capability the HSA-Q1 remains easy to operate with an intuitive user friendly interface.

HSA-Q1 features a wide 1 MHz to 13.44GHz frequency range with a sweep time of just 0.5 seconds (faster in shorter spans) to ensure detection of all types of RF signals especially modern pulsed burst signals that can be missed by slower sweeping units.

Specifications at +20° C

Detected Frequency Range	2400 - 2483 MHz
Sweep time	10W
Waterfall Function	Real Time Colour Spectrogram
Tune & Listen Function	Direct Tune to any frequency (1 KHz Resolution) AM/WFM/NFM Demodulation via Speaker or Earphones
Background Memory Function	Record RF environment and store for later comparison
RF Sensitivity in Sweep Mode	-80 dBm Max
RF Sensitivity in Tune & Listen Mode	-100 dBm Max
Display	6" TFT Display Screen - Outdoor Readable
Data Logging interface	to USB Stick - Time and Date Stamped
Audio Output	Internal Speaker or Headphone Socket
RF Connector	TNC Jack
Antenna 1	Multi-Element 13.44GHz - Length 220mm x Dia. 17mm
Antenna 2	Telescopic Whip Antenna (Low Frequency use)
Power	Internal Lithium Polymer Battery - up to 4 Hours Battery Life
DC Charge	Micro USB
Charger	110/220V Auto-switching with International Adaptors
Enclosure	Machined Aluminium Enclosure
Weight:	1.3Kg (Main unit)
Dimensions	Height 223mm x Width 158 mm x Depth 45mm
Carry Case	Compact Military Standard -L363mm x W282mm x H120mm



Wireless Activity Monitor

WAM-X25

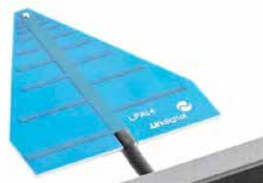
The WAM-X25 Wireless Activity Monitor is a compact tablet-style, multi-band Radio Frequency (RF) signal detector for handheld or desktop use. It is designed for detection and logging of transmissions from all types of radio frequency devices. The WAM-X25 provides complete coverage and logging of all RF activity in the surrounding area. Designed for the TSCM Professional.



Data Leakage Channels Detection

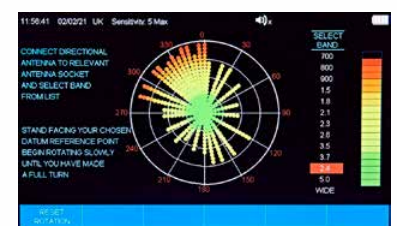
Features:

- Detects 2G/3G/4G and the latest 5G devices - plus Wi-Fi/Bluetooth/2.4GHz & 5GHz Devices
- Detects Mobile Phones, Smartphones, GPS Trackers, SMS (Texts), GSM Bugs, 3G/4G/5G Video, Bluetooth & Wi-Fi Devices, Store & Forward devices
- Worldwide Cellular Coverage - Simply select the relevant region of use
- Separate Wideband RF Detector 0-14 GHz with Audio Demodulation
- Separate 2.4GHz & 5GHz Wi-Fi Detector
- Wi-Fi Network Analyser provides data on nearby WLAN networks
- Bluetooth Device Analyser provides data on nearby Bluetooth devices.
- Direction Find Function for pin-pointing signal sources
- Event Log records Time/Date, Band, Duration & Signal Strength of up to 10,000 Events
- Log can be viewed on screen or saved to USB stick for storage/viewing on a computer
- Graph Mode plots real time or historical graph of all detected cellular bands
- Widescreen High Resolution 7-inch Colour TFT Display
- Adjustable Omnidirectional & Directional Antennas
- Machined aluminium enclosure for maximum durability.



Specifications at +20° C

Wideband Frequency Range	10-14000MHz (14 Ghz)
Cellular Regions covered	UK, EUROPE, ASIA, AFRICA, N. AMERICA, S. AMERICA, AUSTRALIA
Cellular Frequency Range	International bands - (300 MHz to 6 GHz) Maximum 10 viewable bands - Sensitivity -70 dBm Max
2.4 and 5 GHz Frequency Range	2400...2485 MHz and 5150...5850 MHz
Wi-Fi Analyser	802.11a/b/g/n: 2.4 GHz and 5 GHz
Display	TFT Colour 7.0 High Contrast Graphic Display
Battery	Internal Lithium-Polymer rechargeable. Operating duration with fully charged battery is up to 8 hours
Charging	Micro USB socket Charge Time 4 hours
Operating Temperature Range	15 to +50° C, Relative Humidity 90%
Dimensions	230x150x28 mm
Weight	Main Unit 1.0 kg, Carry Case Complete 2.7 Kg
Signal Processing and Control	RISC Based Microcontroller with real time clock
Event Log	Maximum 10000 Events
USB Socket	For USB Stick download only



CELLULAR ACTIVITY MONITOR

CAM-GX5

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

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.

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

Specifications at +20° C

Regions covered	UK, EUROPE, ASIA, AFRICA, N. AMERICA, S. 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...+50o C - Relative Humidity < 90%
Dimensions	173x103x25 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

