iSecus

DT-840

Enhanced Nonlinear Junction Detector

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DT-840 Enhanced Nonlinear Junction Detector integrates a wireless signal detection unit on top of the Nonlinear Junction Detection Unit for detecting eavesdropping and bugging electronic devices in packages, walls, floors, ceilings, lamps, furniture or containers.

Application:
It can be widely used in government, public security, judicial, prison, military and personal privacy protection fields.

Self-developed
The use of independent research and development of nonlinear harmonic detection technology and detection algorithms, security is greatly guaranteed.

Strong Semiconductor Recognition
Supports second and third harmonic detection to quickly and effectively identify devices and equipment containing semiconductors

Highly Recognizable Wireless Signal Form
Wireless signals can be detected and displayed alarms, such as 2.6GHz, 3.5GHZ, 4.9GHz 5G signals

High Sensitivity
Built-in high-gain antenna, long detection distance, to ensure that the clandestine recordings, cell phone communications equipment can be quickly detected.

Low False Alarm Rate
Built-in non-destructive detection algorithms dramatically improve detection capabilities with very low false alarm rates

Harmlessness
The equipment meets the requirements of HJ/T10.2 radiation environmental protection, absolutely safe and harmless to the human body.

Specifications	
Operating Frequency Band	2400MHz
Operating Voltage	7.4V
Frequency Range	2.4GHz - 2.5GHz
Received 2nd~3rd Harmonic Range	4.8GHz - 5.0GHz，7.2GHz - 7.5GHz（2nd~3rd harmonic）
Pulse Mode Transmitting Power	0~4W (EIRP), pulse mode (max)
Reception Sensitivity	⩽ -125dBm
Battery Operating Time	6h (pulse mode, max power), replaceable lithium battery
Charging Time	2.5 hours/battery (fast charging)
Detection Distance	>6m, C-grade products that comply with GA1236-2015
Wireless Signal Strength Detection	Detects the strength of wireless signals from suspicious devices, and provides audible and visual alarms
Wireless Signal Direction Positioning	Identifies the direction of the source of wireless signals from suspicious devices
Wireless Signal Detection Type	GSM, WCDMA, CDMA2000, TD-SCDMALTE, LTE-A, 5G Bluetooth, WIFI
Supported Frequency Range	50MHZ~6000MHz
Wireless Signal Reception Sensitivity	-50dBm
Operating Interface	LCD display of received harmonic signal strength; Supporting audio alert with headphones; Supporting vibration alert
Size	750mm *114mm x 108mm
Package Size	700mm * 330mm * 180mm
Weight	1.6kg
Working Temperature	-30°C ~55°C
Working Humidity	⩽ 93%, no condensate

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