SWORD-24s

Extendable Handheld Non-linear Junction Detector



FEATURES

The SWORD-24s is a miniaturized extendable handheld non-linear junction detector that can detect any electronic device hidden in walls, floors, ceilings, lamps, furniture or containers. No matter whether these elec-tronic devices are transmitting signals or starting up, they can alarm through display, vibration and sound prompt, so that the detector can find the target device, to protect the privacy of organizations and individuals.

The transmitting end of the non-linear junction detector sends the fundamental wave of the S-band to the target area or object, while the receiving end captures the second and third harmonics generated from the target object, and uses artificial intelligence algorithms to analyze the harmonic laws to detect and identify whether there are suspicious electronic products or metal corrosion nodes in the detecting area.

HIGH ACCURACY The built-in second and third harmonic detection function can quickly and effectively identify devices containing semiconductor.

HIGH SENSITIVITY Can quickly spotting the semiconductor hidden in walls or furniture.

LOW FALSE POSITIVE RATE The built-in non-destructive detection algorithm greatly improves the detection ability, and the false positive rate is very low.

SAFE AND RELIABLE The characteristics of the equipment meet the requirements of electromagnetic radiation and are safe to use.

FLEXIBLE AND SIMPLE OPERATION The interface is simple and intuitive, with few buttons and concise, easy to operate manually.

ENERGY SAVING Folded and immovable for a long time will automatically shut down, saving energy.

EXTENDABLE lengths from 80 cm to 136 cm

SCENARIOS

- SWORD-24s Can be widely used in government, public security, prison, judicial, military, education examination and personal privacy protection, etc.
- BUSINESS SECURITY Enterprise and commercial secret protection: Detect unauthorized electronic devices hidden in important conference rooms or confidential offices of the company, such as eavesdroppers, mobile phones and devices containing SIM cards, etc..
- PUBLIC SECURITY AND SWAT EXPLOSIVE DISPOSAL Detect electronic detonation devices and remote controls in dangerous areas.
- PERSONAL PRIVACY PROTECTION Detect equipment for secretly photographing and recording hidden in houses, hotels and other places, such as recording pens, cameras, etc..





Contact Us: Tel. +385 51 673 400 Fax. +385 51 671 542

Mail:

info@spyshopeurope.com sales@spyshopeurope.com Beling d.o.o. Franje Čandeka 23B 51000 Rijeka, Croatia VAT No. HR 80249393012



ABLE TO DETECT SEARCHES THROUGH

Smartphone & other electronic

components

Other non-metal materials

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Fabric

DELIVERY SET

SWORD-24s - 2.4Ghz Non Linear Detector

SWORD-24s

- Extendable telescopic pole (from 80cm-136cm)
- Enclosed Stereo Headphones with Volume Control
- Harmonic Test Samples
- Hard Carry Case
- Instruction Manual
- ✓ Weight of Unit ≤0.52kg±0.05kg



GENERAL SPECIFICATIONS

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Product working frequency band:	2.400GHz
Frequency range:	2.404GHz - 2.472GHz
Receiving 2nd~3rd harmonic range:	4.808GHz-4.944GHz 7.212GHz-7.416GHz
Pulse mode transmit power (max):	0-1W
Receive sensitivity:	≤-125dBm
Receive dynamic adjustable range:	30dBm
Battery working time:	4.5H
Battery type:	Lithium battery
Interactive interface:	LED displays received harmonic signal intensity
	Audio prompts are supported and headphones can be connected
	Supporting vibration tips
Detection distance:	>6MC-class product complying with GA1236-2015 standard
Detect penetrability:	It can penetrate 370mm brick wall and meet the grade C product specified
	in GA1236-2015 standard
Product dimension:	370mm x 96mm x 38.5mm)±5mm
Transit case dimension:	(520mm x 420mm x 148mm)±10mm
Extendable length of telescopic pole:	800 - 1360mm
Product weight:	≤0.52kg±0.05kg
Transit case weight:	4.7kg
Working temperature:	-20°C~55 °C
Working humidity :	Less than 93%, no condensate



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