

# SB10 MD Detector

Light Weight, Powerful IED Detection

## Effectively locate concealed improvised explosive devices

The new SB10 MD is our latest high performance, light weight, Non Linear Junction (NLJ) and Metal Detector.

A highly versatile device, which is aimed at specialist search teams employed in IED detection it is light weight and highly adaptable to a range of scenarios.

An extendable monopod and an ultra-bright led display on the search head provide the operator with the information they need, right where they need it.



### Features

- Detects electronic devices when active, dormant or switched off
- Controllable output power to meet a range of target threats
- Fully integrated metal detector
- Easy to use for quick deployment
- Selectable audio and visual warning of threats
- Extendable search head
- Compact and ergonomically designed
- Long battery life with optional extra battery
- Output frequency proven to maximize detection of IED threats
- Auto power back-off to reduce accidental initiation
- Minimal training burden
- Software algorithm designed to minimise false alarms
- Waterproof search head

### Applications

- Detection of electronic, RC and low metal content IEDs
- Search of railway tracks, pathways, floors and walls
- Suspect packages
- Route clearance
- Venue searches
- EOD and Counter Terror operations
- Customers include: Police, Defence and EOD Teams

For more information or a demonstration please contact IPS on the following:

Telephone: +44 (0)20 7258 3771

Email: [sales@intpro.com](mailto:sales@intpro.com)

[www.intpro.com](http://www.intpro.com)



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## Technical Specification

### Transmitter

Transmit Frequency: 867MHz to 872MHz  
Transmit channels: 21  
Transit resolution: 250 kHz  
Transmit Power: SB10 MD: 4W (36+dBm)  
Modulation: Pulsed  
Transmit antenna: Circularly polarised patch, 4dBi

### Receiver

Receiver frequency: 1734MHz to 1744MHz, 2nd harmonic  
2601MHz to 2616MHz, 3rd harmonic  
Sensitivity: -130dBm (both harmonics)  
Receive antennae: Circularly polarised patches, 3dBi

### Metal Detector

Frequency: 10 kHz  
Type: CW, induction balance  
Target detection: All metals including aluminium foil

### Unit MMI

Display: 2.4" Colour LCD, bar graphs  
Audio: Integral Loudspeaker, headphone output, Geiger click

### Power

Battery: Removable Li-Ion battery pack  
5 hours usage on max power setting

### Mechanical

Control Unit Size: 20 x 23cm  
Search Head: 28 x 23cm  
Overall Weight: 4kg with battery and armrest fitted



### Warranty

Every SB10 MD comes with a full one year warranty against defective materials and workmanship which can be extended if the unit receives regular maintenance and recalibration.

### Technical Support Group

For any queries contact us between 9am and 5pm Monday to Thursday and between 8.30am and 4pm on Friday.

T: +44 (0)1536 464 888

F: +44 (0)1536 268 363

### Training

We offer full training in using all our products as well as in general counter measures. Please call for details.

Due to our policy of continuous improvement, all specifications are subject to change without notice.

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