

# e-Detect

## Electronic device detector

e-Detect is the very latest in hand held electronics device detection.

Combining ergonomic design with a simple and intuitive user interface enables the e-Detect to be reliably used in a number of different locations and in a number of different applications.

### Small, lightweight, high performance

The small, hand held e-Detect offers excellent electronic device detection capabilities in a package that weighs in at just over 500g.

The size and weight of the e-Detect mean it is ideally suited to searching for concealed electronic devices in hard to reach confined spaces such as searching for hidden mobile phones in correctional facilities.

The size and mobility of the e-Detect also makes it ideally suited for use as a 'pat down' tool to search for electronic devices concealed on a suspect individual.

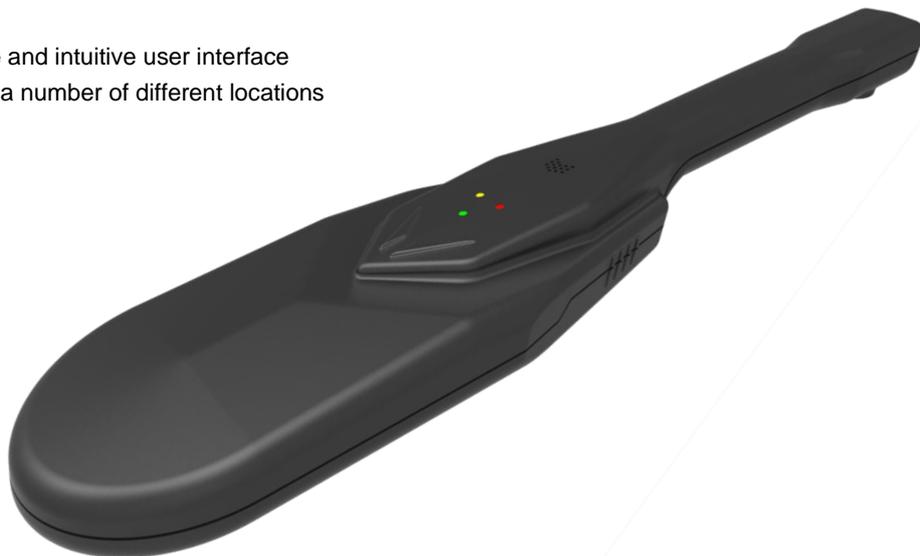
### Approved for worldwide use

Although it is small and lightweight the e-Detect has been robustly designed and is suitable (and fully approved) for use anywhere in the world. This means that the level of protection that e-Detect gives you can go easily with you wherever you travel around the globe.

### Ergonomic design

The design of the e-Detect ensures that the detector is perfectly balanced for use in the hand and that it can be used for extended periods of time without leading to any operator fatigue.

Unique features such as the capacitive touch user interface reflect the amount of design effort that has been invested, ensuring that the e-Detect is the easiest and most comfortable detector to use on the market today.



### Extended battery life

By integrating a capacitive touch user interface the e-Detect can maximise the battery life of the system. It does this by sensing the proximity of the user's hand and only enabling the detector when it has been picked up.

This feature can considerably extend the battery life of the unit beyond the 3 hours quoted for continuous use.



## Key Features

- Highly portable, hand-held detector
- Very light weight
- Very simple to use
- Comprehensive detection performance
- Approved for worldwide use
- Capacitive touch user interface
- Long battery life

## Applications

Search for hidden electronic devices;

- in correctional facilities
- in school exam halls
- in court rooms
- in secure areas within a building
- concealed on suspect individuals
- in confined spaces
- in sporting venues
- when travelling abroad on business
- when working from a home office

## Technical Specification

|                 |   |
|-----------------|---|
| TX Frequency:   | 2.446GHz to 2.454GHz (EU)<br>(Frequency hopping, 24 channels, 250kHz spacing)<br>2.4GHz to 2.4835GHz (FCC)<br>(Frequency hopping, 200 channels, 250kHz spacing)   |
| TX Power:       | 0.5W < 20% duty cycle (EU)<br>2W < 20% duty cycle (FCC)<br>Auto power control 30dB range, 1dB steps   |
| TX Enable:      | Via capacitive switch   |
| RX Frequency:   | 4.8GHz to 4.967GHz  |
| RX Sensitivity: | -130dBm, 75dB dynamic range   |
| Battery:        | Li-Ion pack, recharge time < 2.5 Hours  |
| Operating time: | > 3 Hours continuous use  |
| User interface: | Audio tones / Geiger for target detection<br><br>Audio tones to indicate; TX heartbeat, low battery, internal BIT status<br><br>LEDs to indicate; System OK, unit transmitting, battery status, unit status |
| Size:           | 410mm x 105mm x 40mm (L x W x H)  |
| Weight:         | 520g  |
| Environmental:  | +15°C to +35°C, benign office environment   |

## Warranty

Every e-Detect 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.*

For more information or a demonstration please contact us today

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