EMIS-MAIL

IED DETECTOR
FOR LETTER & PARCEL INSPECTION

NSN: 6665150105807

Automatic inspection of parcels and letters up to 45 cm in width and 7.5 cm thickness
Detection of detonators, batteries, trigger circuits and other metal components of parcel bombs
No alarm on metal staples, paper-clips and metal binding spirals
Confirmation of signal [OK/ALARM] for each package inspected

Ergonomic, compact design
Operates on the mains power supply and with built-in NiMH rechargeable batteries
Integrated battery charger
No calibration or periodic maintenance required
Optional embedded detector of radioactive materials

CERTIFIED according to EU Regulation 185/2010 on mail security inspection

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Threat Detection through Electromagnetics

CEIA reserves the right to make changes, at any moment and without notice, to the models (including programming), their accessories and options, to the prices and conditions of sale
# Specifications

## General Characteristics

- High inspection speed
- No alarm on metal staples, paper-clips and metal binding spirals
- Digital programming with high-resolution OLED graphic display
- Optical and acoustic alarm signaling
- Integrated autodiagnosis system
- Permanent memory storage of operating parameters without back-up batteries
- Independent operation, with mains power supply or incorporated batteries
- Specific Settings available for Prison parcels inspection (Dept. of Justice requirements)
- Compliant with NIJ-0602.02 Dept. of Justice Detection requirements

## Structure

- Transit opening: 450 mm x 75 mm
- Degree of protection: IP40

## Weight

- 16 kg

## Power Supply

- Voltage: 100-240 V~ single-phase – 50/60 Hz with external AC/DC adapter
- Current: 1.07 A max
- Battery operation: 6 x 1.2V NiMH size D incorporated
- Battery life: 12 hours (8 hours with IXC module)
- Battery-charger incorporated: Recharging time 6 hours

## Programming

- Type: Local: via integrated keypad
- Remote: via Bluetooth, RS232
- Data Logger Memory capacity: 10,000 events

## Signalling

- Acoustic: Internal buzzer
- Optical: High-contrast OLED graphic display with bar-graph indication
- LED indicators on the control panel:
  - RED: Alarm, Autodiagnosis
  - GREEN: OK, Power supply
  - BLUE: Alarm, detection of radioactive substances

## Security/Safety

- Access to programming protected by password
- Insulation from mains voltage

## Communication


## Environmental Data

- Temperature:
  - Operating: -10 to +50 °C
  - Storage: -25 to +60 °C
- Relative humidity: 5 to 90 %, without condensation

## Conformity*

- Safety: UL61010-1: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 1: General requirements
- EMC: EN61000-6-1:2007 Electromagnetic Compatibility (EMC) – Part 6-1: Generic standards – Immunity for residential, commercial and light-industrial environments
- EN European Directive 2004/108/CE

## Options

- Radiation Detection Module (Part # 67197)
- Analysis time: 5 seconds
- IXC Module (Part # 66751)
  - Integrated Web-server
  - 100base-T Ethernet
  - Full Speed USB interface
  - Wi-Fi 802.11b/g

## NATO Stock Number

- 6665150105807