

IED DETECTOR FOR LETTER & PARCEL INSPECTION

EMIS-MAIL IED DETECTOR FOR LETTER & PARCEL INSPECTION

Allowed Parcel



Alarm Signalling



- 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

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IED DETECTOR FOR LETTER & PARCEL INSPECTION

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

Incorporated Bluetooth (FCC ID: QQQWT12 - IC:5123A-BGTWT12A) interface, RS232

ENVIRONMENTAL DATA

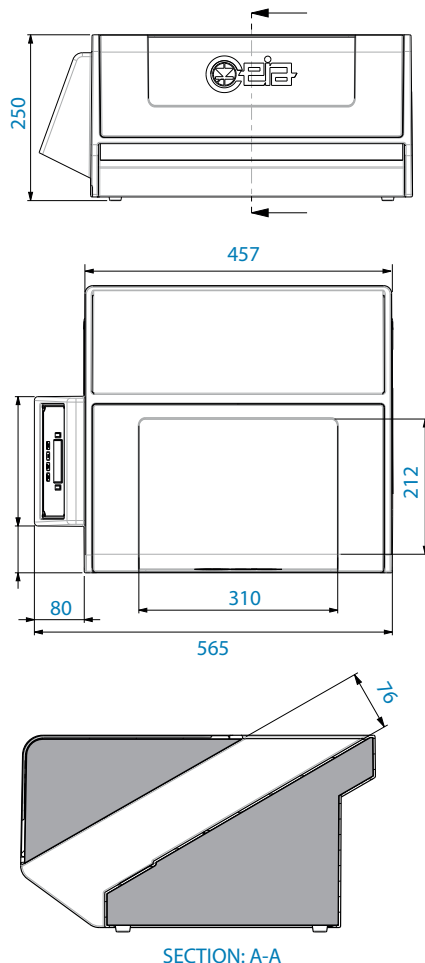
Temperature	Operating	-10 to +50 °C
	Storage	-25 to +60 °C

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
	EN61000-6-3:2007 Electromagnetic Compatibility(EMC) – Part 6-4: Generic standards – Emission standard residential, commercial and light-industrial environments
	European Directive 2004/108/CE

Dimensions(mm)



SECTION: A-A

Options

RADIATION DETECTION MODULE
for detection of radioactive materials.
Analysis time: 5 seconds

IXC MODULE



- Integrated Web-server
- 100base-T Ethernet
- Full Speed USB interface
- Wi-Fi 802.11b/g

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