NEW MSDi

HIGH-PERFORMANCE FERROMAGNETIC WEAPONS DETECTOR

- IDEAL for COVERT ACCESS CONTROL
  - Very small footprint
  - Easily concealed inside ornamental structures

- HIGH and UNIFORM SENSITIVITY

- Accurate localization with MULTI-ZONE ACOUSTIC and OPTICAL ALARM SIGNALING

- EXTREMELY DURABLE DESIGN including stainless steel and high impact reinforced plastics

- PASSIVE DETECTION, NO FIELD EMISSIONS

- UP TO 70,000 EVENTS CAN BE RECORDED locally (FIFO LOGGER) with traceability of the alarms, programming modifications and diagnostics

- PROGRAMMING of operational parameters and DOWNLOADING OF DATA LOGGER by smartphone or portable PC

- Powered through PoE Ethernet or with 24Vdc external adapter

- Large number of CEIA MSD ferromagnetic detectors installed

www.ceia-fmd.com
**MSDi SPECIFICATIONS**

**CONTROLS AND INDICATORS**
- Programming of operational parameters and downloading of data logger by smartphone or portable PC
- Password protected programming at User and Supervisor level

**SECURITY**
- Multi-color status and alarm warning light
  - Green light: Normal operation, no alarm
  - Yellow light: Detection of ferromagnetic object below alarm threshold
  - Red light: Detection of ferromagnetic object above alarm threshold
  - Full height alarm indication
  - Indication proportional to signal intensity
  - Alarm indication with 5 different localization zones
  - Blinking light: diagnostics alarm

**MULTI-COLOR STATUS AND ALARM WARNING LIGHT**
- Blue light: Connecting BT device in progress

**ALARMT SOUNDER**
- Alarm indication for target over the alarm threshold:
  - Fixed tone
  - Tone proportional to signal intensity
  - Single pulse for pinpointing target
- Alarm tone can be selected, continuous and intermittent
- Self-diagnostics signal: intermittent tone

**BT HEADSET (ACCESSORY)**
- Copies all acoustic indications, with the addition of checking BT connection

**POWER SUPPLY**
- Via Ethernet port, PoE Class 0 compliant to IEEE 802.3af/IEEE 802.3at Type 1
- Via connecting cable to external 24Vdc supply
- Via external AC/DC power adapter (ACCESSORY)

**ENVIRONMENTAL CONDITIONS**
- Working temperature: 14 to 149°F
- Storage temperature: -35 to 158°F
- Relative humidity: 0 to 95%, non-condensing

**INPUT/OUTPUT**
- LAN port. Ethernet port. PoE Class 0 compliant to IEEE 802.3af/IEEE 802.3at Type 1
- IN/OUT port. General purpose connector. Type: 8-pole M12 male. It supports the following connections:
  - Power supply input. Voltage: 24Vdc ±10%, 0.25A max
  - RS-232 serial communication lines
  - Relay output, activated in case of alarm or diagnosis alert. Selectable in normally open or normally closed operation. Rating: 0.4A max, 30Vdc.

**WEIGHT**
- 7.7 lbs (Detector)

**DIMENSIONS**
- Width: 3.5” – Height: 71.7” – Depth: 2.9”

**SHIPPING INFORMATION**
- Weight: 22 lbs

**DETECTOR DEGREE OF PROTECTION**
- For indoor and outdoor use

**AVAILABLE ACCESSORIES**
- BT audio function activation, headset and charger: code 88919
- External AC/DC adapter: code 91553
- App CEIA FMD: the application allows monitoring of the device, adjustment of the settings and downloading of data logger. Available on Google Play Store. REQUIREMENTS: Android 7.0 or later, BT interface available: code 91556
- Service cable for RS-232 connection: code 91557

**CERTIFICATION AND COMPLIANCE**
- Passive device: safe for use for pacemakers and other medical implants
- Compliant with the applicable electromagnetic Standards on Human Exposure and pacemaker safety
- Compliant with and certified to the applicable International Standards for electrical safety and EMC

**MSDi EXAMPLES OF APPLICATION**

**DOOR FRAME**

**SINGLE OR MULTIPLE AISLE**

**OPEN SPACE**

.DWG and .STP files available on CEIA website.

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CEIA USA 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. DP220K0006V1000uUS-2019