

# MSDW Plus

## WALL-MOUNTED MULTI-ZONE FERROUS DETECTOR

### MAIN FEATURES

- **IDEAL FOR DISCRETE OR COVERT ACCESS CONTROL**
  - ▶ Very small footprint
  - ▶ Easily concealed inside ornamental structures
- **HIGH SENSITIVITY** and **HIGH IMMUNITY** to external interferences
- Accurate localization with **MULTI-ZONE OPTICAL ALARM SIGNALLING**
- **EXTREMELY DURABLE DESIGN** including **AISI 316L** stainless steel and high impact reinforced plastics
- **UP TO 100,000 EVENTS** can be recorded locally (**FIFO LOGGER**)
- **PROGRAMMING** of operational parameters and **DOWNLOADING OF DATA LOGGER** by smartphone, tablet or portable PC
- Powered through **POE ETHERNET** or with **AC/DC** external adapter

**MULTI-ZONE  
TARGETING  
INDICATION**

**DETECTION  
OVER ENTIRE  
HEIGHT OF  
PERSON**

**EXTREMELY  
DURABLE AND  
RELIABLE**

**READY FOR  
IMMEDIATE USE**



[www.ceia.net](http://www.ceia.net)

**Threat Detection through Electromagnetics**

# SPECIFICATIONS

## CONTROLS & INDICATORS



Programming of operational parameters and downloading of data logger by smartphone, tablet or portable PC

**SECURITY:** Password protected programming at User and Supervisor level

### COLOR STATUS AND ALARM WARNING LIGHT

**WHITE**

**RED LIGHT**

- Power Indicator LED
- Alarm Indicator LED
- Full height alarm indication
- Indication proportional to signal intensity
- Alarm indication with different localization zones
- Blinking light: diagnostics alarm



**BLUE LIGHT**

- Connecting BT device in progress LED

### ALARM 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]

## 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.
- Inhibition input. Galvanically isolated 2-pole connection. Rating: + 5 ÷ 12 Vdc.

## ENVIRONMENTAL CONDITIONS

Operating temperature	-20°C to +60°C
Storage temperature	-37°C to +60°C
Relative humidity	0 to 95%, non-condensing

## WEIGHT

3.5 Kg (Detector)

## DIMENSIONS

90 mm x 73 mm x 1820 mm (WxDxH)

## SHIPPING INFORMATION

Dimensions (WxDxH)	200 mm x 160 mm x 2170 mm
Weight	10 kg

## DEGREE OF PROTECTION IP55

## AVAILABLE ACCESSORIES

**BT wireless audio function activation.** Includes a headset with AC/DC charger **88919**

**External AC/DC adapter** **117021**



**App CEIA FMD+:** the application allows monitoring of the device, adjustment of the settings and downloading of data logger:

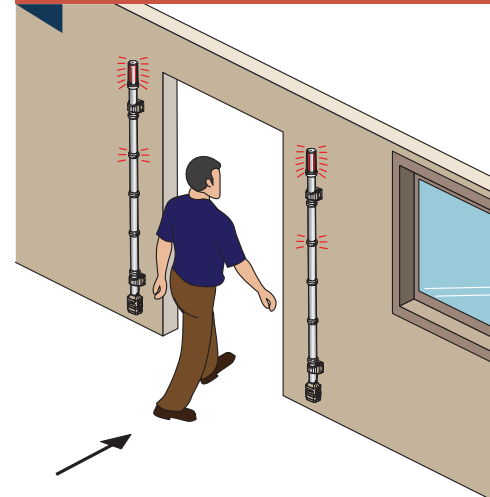
- Available on Google Play™. Requirements: Android™ 8.0 or later
- Available on Apple store. Requirements: iOS 15.0 or later
- BT interface available

### MSDX Distribution Box

Accessory to be used for the installation of **MSDW Plus** devices, designed to simplify the connections between detectors and external devices. It allows the connection of a single detector (Chain Head) or both (Chain Head and Chain Tail), in order to have a single power supply source **117022**

**Standing mat:** self-adhesive mat with indication of position and rotation **94590**

## DOOR FRAME



## OPEN SPACE



## CERTIFICATION & COMPLIANCE

- **NO-EMISSION:** safe for use for pacemakers and other medical implants
- **COMPLIANT** with the applicable electromagnetic Standards on Human Exposure and PMEDs such as glucometers, pacemakers, defibrillators, insulin pumps, neurological stimulators and cochlear implants
- **COMPLIANT** with and **CERTIFIED** to the applicable International Standards for electrical safety and EMC

