



NSN: 6665 150 205465

NEW

PD240CBM

HAND HELD URBAN CLEARANCE & BODY SCREENING DETECTOR

- **EFFECTIVE DETECTION OF:**
 - Crush Switches ▸ Carbon Rods
 - Other conductive IED Components
- **PREPROGRAMMED COMPENSATION OF COMMON BUILDING MATERIALS:**
 - Tiles ▸ Concrete ▸ Cinder-blocks
- **OPERABLE IN CLOSE PROXIMITY TO LARGE METAL MASSES**
- **METALLIC WEAPON DETECTION FOR PEOPLE SCREENING**



**CLEAR DUAL-TONE
PINPOINTING**

**FULLY DIGITAL
DESIGN**

**DATA ACCESS
PLUG FOR FUTURE
SOFTWARE
UPGRADES**



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Threat Detection through Electromagnetics

CEIA reserves the right to make changes, at any moment and without notice, to the models, their accessories and options, to the prices and conditions of sale.

PD240CBM FOR CRUSH WIRE AND IED DETECTION

The **CEIA PD240CBM** is the result of the intense research and development program required to achieve a solution to the problem of detecting minimum metal IED targets within an Urban metal contaminated environment for post-conflict clearance purpose.

This simple to operate detector reliably **detects the smallest targets**, such as **Crush Switches** and **Carbon Rods with a clear dual-tone center cross over alarm**, that easily identifies the center of the targets. Due to its **specially designed Detection head** this detector can identify and pin point minimum targets within very close proximity to large metal masses such as Metal doors, Frames or other large metal masses.

The detector has a **start-up time of less than 2 seconds** without a need for compensation as it has **Preprogrammed Compensation Optimization** for Urban Environments: this addresses common building materials, such as concrete, cinderblock and ceramic floor tiles.

PD240CBM FOR PEOPLE SCREENING

Thanks to a **Specific Sensitivity Setting (L)**, the **CEIA PD240CBM** allows the detection of weapons made of any metal for people screening.

SPECIFICATIONS

PROMPTNESS	Switch-on time: 2 sec.
DIMENSIONS	PD240CBM: 405mm x 120mm x 40mm
	Belt Holster: 270mm x 95mm x 60mm
	Carry Bag: 430mm x 145mm x 70mm
WEIGHT	PD240CBM with batteries: 465g
	Belt Holster: 100 g
	Carry Bag: 235 g
POWER SUPPLY	2 x AA size alkaline batteries
CONTROL PANEL	Optical, acoustic and vibratory alarm modes
	3-level sensitivity selection buttons
BATTERY	Battery life: 50+ hours
	Low battery indicator
ENVIRONMENTAL DATA	OPERATING Temp.: -40°C to 70°C
	STORAGE Temp.: -40°C to 80°C
	RELATIVE HUMIDITY: 0 to 99% [without condensation]
COMPLIANCE	Conforms to international standards currently applicable for safety, EMC and to applicable CE regulations



SENSITIVITY SETTINGS

CRUSH WIRE AND IED DETECTION

- (M): IED medium detection
- (H): IED maximum detection

PEOPLE SCREENING

- (L): Metallic weapon detection

PD240CBM DETECTING SET

- 1 **PD240CBM** Hand Held Metal Detector [batteries included]
- 2 Instruction manual
- 3 Carry bag
- 4 Batteries [2+2 pieces]
- 5 Belt Holster



HHMD CONFIGURATION TOOL

Tool for setting up the metal detector via USB PC-HHMD connecting cable and GUI interface (option).



CEIA - Zona Industriale 54, 52041 Vicinaggio - Arezzo (ITALY)

T +39 0575 4181 • F +39 0575 418276 • E infogsmd@ceia-spa.com

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