

PD240CBM

HAND-HELD URBAN CLEARANCE & BODY SCREENING DETECTOR

NSN:6665 150 205465



KEY FEATURES

- **EFFECTIVE DETECTION OF:**

- ▶ CRUSH WIRES
- ▶ CARBON RODS
- ▶ Other conductive IED Components

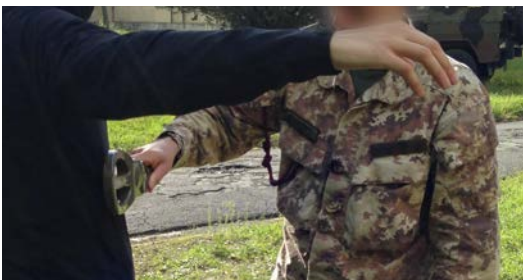


- **PREPROGRAMMED COMPENSATION
OF COMMON BUILDING MATERIALS:**

- ▶ 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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DESCRIPTION

THE **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, cinder-block and ceramic floor tiles
- ✓ Thanks to a Specific Sensitivity Setting, the **PD240CBM** allows the **detection of weapons made of any metal for people screening**.

SPECIFICATIONS

PROMPTNESS	Switch-on time: 2 sec.
DIMENSIONS	PD240CBM : 405 mm x 120 mm x 40 mm
	Belt Holster : 270 mm x 95 mm x 60 mm
	Carry Bag : 430 mm x 145 mm x 70 mm
WEIGHT	PD240CBM with batteries : 465 g
	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 temperature: -40°C to +70°C
	Storage temperature: -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 & IED DETECTION

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

PEOPLE SCREENING

- (L) Metallic weapon detection

PD240CBM DETECTING SET

- 1 PD240CBM (batteries included)
- 2 Instruction manual
- 3 Carry bag
- 4 Batteries (2+2 pieces)
- 5 Belt Holster



ACCESSORIES / OPTIONS

PD240CB-COVER

Special high-tech black thermoplastic polyurethane cover, protected against ultraviolet radiation, with very high resistance against the ingress of water and dust. Allows the extraction of the Metal Detector for maintenance or replacement operations. Equipped with a transparent control panel for setting and reading the device.



HHMD Configuration tool

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



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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. DP100K0015v2000hUK - 2025

