

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



HHMD CONFIGURATION TOOL (OPTION)

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



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