PD240CBM

HAND HELD URBAN CLEARANCE & BODY SCREENING DETECTOR

NSN:6665 150 205465



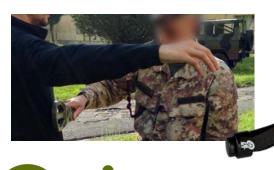
KEY FEATURES

- 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





DATA ACCESS PLUG FOR FUTURE
SOFTWARE
UPGRADES





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 : 15.9" × 4.7" × 1.6"
	Belt Holster : 10.6" x 3.7" x 2.4"
	Carry Bag : 16.9" x 5.7" x 2.8"
WEIGHT	PD240CBM with batteries: 1.02 lbs
	Belt Holster: 0.22 lbs
	Carry Bag: 0.52 lbs
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: -35°F to 158°F
	Storage temperature: -35°F to 176°F
	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

- PD240CBM (batteries included)
- Instruction manual
- 3 Carry bag
- Batteries (2+2 pieces)





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





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