

## PENTASCAN FERROMAGNETIC DETECTOR

### DETAILS

**PENTASCAN** is a single pole solution to detect unauthorized or illegal cell phones, tablets, laptops, smart watches, wearables and weapons including guns, knives etc.

Setup is simple and can be done anywhere; plug and play out of the box with less than 30 seconds from powering up to full operation. This allows rapid, non-invasive inspection of pockets, bags, purses, clothing and even body cavities. Detection of all cell phones and ferrous contraband concealed on the person or in body cavities.

### FEATURES

- DETECTS CELLPHONE & FERROUS CONTRABAND
- MULTIZONE DETECTION FOR ACCURATE PINPOINTING
- COMPACT AND LIGHT WEIGHT LESS THAN 10 KGS
- PORTABLE SINGLE POLE TYPE INSTALLATION
- BUILTIN BATTERY BACKUP OF OVER 10HRS
- WEATHERPROOF FOR OUTDOOR USE

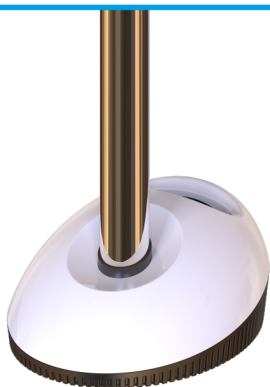
These same cell phones slip through regular metal detection but not through PENTASCAN because of its sensitivity, unique motion detection and enhanced false trigger rejection. Standard metal detectors falsely trigger on all kinds of commonly used metals including titanium found in medical and prosthetic implants and aluminum used in everyday containers. This allows for a rapid security checkpoint of pockets, bags, purses, clothing and even body cavities.



Technical Data	Unit	POLESCAN
Nominal Detection Radius	mm	900
Throughput Rate	p/m	30~40
Power supply	V(ac)	110~270
Operational voltage	V(dc)	12
Max power consumption	W	20
Frequency	hz	50~60
Protection level	IP	>=65
Working Temperature	C	-10~+65
Dimensions without base	mm	1900x55x55
Dimensions with base	mm	2015x330x260
Net weight	Kg	20

## DETECTION

- Detects all cell phones and ferromagnetic contraband
- Automatic self-calibration in all environments
- Full height, 360 degree detection
- Functions in vertical and horizontal positions
- 10 Level volume control for precise volume setting
- 100 Levels of sensitivity for individual zones
- Dual level of gain adjustments for each zone
- User selectable pre-programmed settings for quick calibration
- High contrast OLED display for information display and settings
- User adjustable intensity for OLED display and display LEDS to suit the environment
- Alarm count for number of detections
- User selectable 8 tones for indication detection with silent mode option



## SAFETY

- Fully weatherproof IP65 certified
- Conforms to latest EMI/EMC
- Conforms to International Electrical safety standards

## TECHNOLOGY

- Ferromagnetic detection technology
- Passive technology, No radiation - Safe for pacemakers, pregnant ladies & medical implants
- Multi-zone detection for accurate pinpointing of targets
- 4 Zone detection
- Secure ease to use jog dial control
- Can work through walls and false partitions
- Password protection to prevent unauthorized access
- Zone Indicator lights for quick search and detection
- Can run on 12v auxiliary power for remote portable operations
- Built in Lithium ion battery for compact and single unit design



## CONSTRUCTION

- Extremely durable design, anodized aluminium & injection moulded plastic for high quality finish
- Wall mount kit for space saving deployment
- Carry case for secure transportation and storage
- Ergonomic design for minimum space requirement in passage ways
- Weatherproof - Suitable for Outdoor and Indoor installations