



WALK-THROUGH METAL DETECTOR - WINDY

A unique WALK-THROUGH METAL DETECTOR by Samarth Security Systems (India) Pvt. Ltd. is achieved through powerful thinking and creative imagination.

MORE ACCURATE PINPOINTING

With greater accuracy Windy indicates to specific zone. Indicator lights on both side panels identifies locations for one or more objects passing through the archway.

AERODYNAMIC DESIGN

Side panels with holes for extreme environment (To Reduce Air Pressure on WTMD).

BIDIRECTIONAL COUNTER

In and out counting of the people passing through WTMD.

ADVANCED NETWORKING (OPTIONAL)

WTMD can connect to LAN network, data can be viewed from any remote location using TCP/IP.

TAMPER PROOF

All settings are secured with two levels of access code lock.

EASY ASSEMBLY

The WINDY modular design allows for a quick and simple assembly of its (3) Sub-assemblies using only (8) screws and (3) Internal cable connections.

MIBPS (MULTIPLE INSTRUCTION BYTES PER SECOND)

Highly reliable digital design using Microcontroller for digitally processing the signals. Thus giving greater sensitivity noise immunity, discrimination, detection uniformity and overall product reliability.

MULTI-BRAND COMPATIBILITY

Can be added to existing checkpoints, without having to replace other brand units.

DUAL SIDED DETECTION

This unique bilateral technology has transmitters and receivers in side panels to allow scanning from both sides.

SUPERIOR VERSATILITY

Menu based setting for feature selection such as alarm indication, visual indications, zone parameter setting etc. Multiple units can be installed as close as 8 inches to each other.

SPECIALLY DESIGNED BOTTOM CAPS

Specially made panel bottom cap for anchoring the machine with the floor.





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SN	Parameters	Particular
1	Operating Principle	Transmitter and receiver based
2	Signal Processing	Microcontroller based with I2C interface
3	Construction	Laminated panels & heavy duty metallic cross pieces for ultimate stability
4	Dimension	Passage clearance (HxWxD) 2000 x 760 x 720 (mm) Arch assembly (HxWxD) 2220 x 900 x 720 (mm)
5	Weight	70kg (Approx)
6	Power Supply	240 VAC + / -10 %, 50 Hz
7	Battery Backup (Optional)	5-6 Hours (Customize Design Available)
8	Power Consumption	45 VA (Approx)
9	Alarm	Acoustic and Optical alarm, height on person bar display (Metal Locator)
10	Calibration	Manual and Automatic by built-in key pad and all functions are programmable & controlled by a microcontroller
11	Sensitivity	Wide range of sensitivity setting and fine tuning, zone wise sensitivity setting – Sensitivity settings (0-255 steps)
12	Threshold	Wide range of threshold setting and fine tuning, zone wise threshold setting – Threshold settings (0-255 Steps)
13	Zones	4 & 6
14	Keypad & Operating Console	16 (HEX) Password Protected Membrane Keypad for WTMD Console: LCD (4 line * 40 Characters) (Viewing area 140.45 mm* 30.00mm) alpha-numeric display with blue backlit for detector parameters viewing and setting
15	Metal Intensity Display	12 LED based bar graph is provided in the console to display volume of the metal carried in GREEN (4 LED), YELLOW (4 LED) and RED (4 LED) format
16	Operating Temp & Humidity	-10 °C to + 70 °C with humidity 95% non-condensing
17	Human Geographical Zone Display	Human Geographical Zone indicator for pin point detection
18	Led Array Zone Indicator	LED array zone indicator on the both sides of the detector panel
19	IN and OUT Counter Simultaneous Display	6 digit IN and OUT counter for incoming and outgoing traffic (000000 to 999999)
20	Traffic Flow Control	GO(↑) & STOP(×) indicator at the entry side to control the traffic flow
21	Detector Structure	State-of-the-art, washable & robust panels, ergonomic and robust design of control unit high visibility alphanumeric display and programming keypad
22	Parameter Display	All the detector parameters like sensitivity, threshold, metal level and IN-OUT count is being displayed at a time on the LCD display, on the head console of WTMD
23	Networking (Optional)	LAN connectivity
24	Compliance	a) Compliant with the applicable international standards for electrical safety and EMC b) Compliant with applicable electromagnetic standards on human exposure and pacemaker safety c) Harmless to magnetic media d) Compliant with applicable standard for walk through metal detectors

