WALK-THROUGH
METAL DETECTOR - 106FY-TS

Yet another milestone Samarth Security Systems (India) Pvt. Ltd. has achieved, by associating a brilliance and ingenuity to otherwise any standard walk-through metal detector. A power packed stallion at your door step not only to guard but to be a versatile sensor too!

MORE ACCURATE PINPOINTING

With greater accuracy 106FY-TS indicates to specific zone. Indicator lights on both side panels identifies locations for one or more objects passing through the archway.

WIRELESS CONNECTIVITY

Multiple WTMDs can be connected to a server without any physical cable.

TEXT ON VIDEO TECHNOLOGY

Detector parameters super imposed on the real time video and stored in the HDD with detection information.

BIDIRECTIONAL COUNTER

In and out counting of the people passing through WTMD.

TAMPER PROOF

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

EASY ASSEMBLY

The 106FY-TS modular design allows for a quick and simple assembly of its (3) sub-assemblies using only (4) screws and (4) internal cable connections.

MIBPS AND TEXT ON VIDEO TECHNOLOGY

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.

DETECTION EVENTS CROSS VERIFICATION

Text on video technology enables to monitor the detection events from the supervisory control.

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.

ADVANCED NETWORKING

The Storage Device can connect to LAN network, data and video can be viewed from any remote location using TCP/IP.

PATENTED

WALK-THROUGH METAL DETECTOR-106FY-TS

SN	Parameters	Particular
1	Operating Principle	Transmitter and receiver based
2	Signal Processing	Micro controller Based with I2C interface
3	Construction	Attractive Scratch & Mar-resistant laminated panels & control panel
4	Dimension	Passage Clearance (HxWxD) 1900 x 760 x 720 (mm) Arch Assembly (HxWxD) 2140 x 900 x 720 (mm)
5	Weight	85Kg. (Approx.)
6	Power Supply	240 VAC +/- 10 %, 50 Hz
7	UPS (Optional)	1 hour backup (Customize Design Available)
8	Power Consumption	65 VA
9	Alarm	Acoustic and Optical alarm, height on person bar display (Metal Locator)
10	Calibration	Manual and automatic by built-in keypad 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 sensitivity setting and fine tuning, Zone wise Threshold setting – Threshold settings (0-255 steps)
13	Zones	4, 6,8, 9, 10 & 12
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 Level 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	WALK(Green) & STOP(Red) indicator at the entry side to control the traffic flow
21	Detector Structure	Robust design of panels and control unit
22	Parameter Display	High visibility alphanumeric display and programming keypad All the Detector Parameters like sensitivity, threshold, metal level and IN-OUT count is being displayed at a time on the LCD display and also superimposed with video on 8" touch screen LCD display.
23	Networking	Video and data can be accessed from any PC in the LAN network using TCP/IP
24	Camera, Monitor & Storage	Pinhole camera - 1/3rd CCD , 700TVL, Auto BLC LCD Display-8" Touch screen LCD display storage- 1 TB HDD
25	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

Note: Product specifications may be changed without prior notice for improvement in quality and performance.