



## WALK THROUGH METAL DETECTOR (MULTI ZONE) MODEL: 106F

with Camera and Data Synchronisation

- A next-generation DFMD
- Combination of high-precision detection with intelligent visual monitoring
- Can review detection events instantly and with absolute clarity
- Fully complies with **IEC-61010-1 electrical safety standards** and **CE-certified**
- Test certifications issued by **NABL-accredited** lab in India
- Unaffected by Infrared, UV, RF or electromagnetic radiations

### Ideal Applications

• Government Premises	• Public Events
• Airports, Railways & Metros	• Schools & Universities
• Law Enforcement	• Hospitality
• Malls & Retail Outlets	



#### HIGH IMMUNITY

Built to resist external electromagnetic interference and environmental disturbances. Ensures consistent and reliable detection performance even in challenging or high-noise conditions.

#### SUPERIOR VERSATILITY

Designed to adapt to a wide range of security environments and operational requirements. Provides flexible deployment options while maintaining high performance and reliable detection.

#### MIBPS AND TEXT VIDEO SYNCHRONISATION

Integrates Metal Indication & Body Positioning System (MIBPS) with synchronised text and video display. Enables precise tracking and records of detected metallic objects for enhanced security monitoring.

#### DETECTION OF EVENTS AND CROSS VERIFICATION

Monitors and records security events in real time for accurate tracking. Allows cross-verification of alerts to ensure reliable detection and minimise false alarms.

#### EASY ASSEMBLY

Designed for quick and hassle-free setup with minimal tools or technical expertise. Enables rapid deployment, ensuring the system is operational in the shortest possible time.

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Sr. No.	Parameters	Particulars
1	<b>Operating Principle</b>	Transmitter and Receiver based
2	<b>Signal Processing</b>	Microcontroller based with I2C interface
3	<b>Construction</b>	Durable scratch and mar-resistant laminated panels & heavy-duty cross piece Control Unit for ultimate stability
4	<b>Dimension</b> <b>Passage clearance:</b> <b>Arch assembly:</b>	2000 x 720 x 750 mm (H x W x D) 2200 x 845 x 750 mm (H x W x D)
5	<b>Weight</b>	80 kgs. (Approx.)
6	<b>Power Supply</b>	240 VAC ±10%, 50 Hz
7	<b>Alarm</b>	Acoustic and optical alarm, height on person bar display (metal location)
8	<b>Calibration</b>	Manual and automatic by built-in keypad; all functions are programmable & controlled by microcontroller
9	<b>Sensitivity &amp; Threshold setting</b>	Wide range of sensitivity & threshold setting and fine tuning, Zone-wise sensitivity setting (0-255 Steps)
10	<b>Zones</b>	4, 6, 8, 9, 10, 12 Zones
11	<b>Keypad &amp; Operating Console</b>	Password-protected membrane keypad with Alphanumeric LCD Display
12	<b>Metal Level Display</b>	All the Detector Parameters like sensitivity, threshold, metal level and IN-OUT count is being displayed at a time on the LED monitor and analysis of each event
13	<b>Operating Temp. &amp; Humidity</b>	-20°C to +65°C with Humidity 95% (non-condensing)
14	<b>Human Geographical Zone Display</b>	Human geographic zone indicator for pinpoint detection
15	<b>Compliances</b>	<ul style="list-style-type: none"> <li>a. Compliant with the applicable international standards for Electrical safety and EMC</li> <li>b. Compliant with applicable Electromagnetic standards on human exposure and pacemaker safety</li> <li>c. Harmless to Magnetic media</li> </ul>
16	<b>Accessories</b>	<ol style="list-style-type: none"> <li>1. Pinhole Camera</li> <li>2. LED Monitor with Recording</li> </ol>
17	<b>Optional</b>	<ol style="list-style-type: none"> <li>1. Battery backup / UPS</li> <li>2. LAN connectivity for Networking via TCP / IP</li> <li>3. VMS Integration</li> </ol>
18	<b>Packing Details</b>	<ol style="list-style-type: none"> <li>1. Panel Box - L - 91 inch, W - 31 inch, H - 13 inch</li> <li>2. Head Box - L - 32 inch, W-16.5 inch, H - 12.5 inch</li> <li>3. Accessories Box - L - 32 inch, W - 16.5 inch, H - 12.5 inch</li> </ol>

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

