

## 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
- Airports, Railways & Metros
- Law Enforcement
- Malls & Retail Outlets
- Public Events
- Schools & Universities
- Hospitality



#### 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

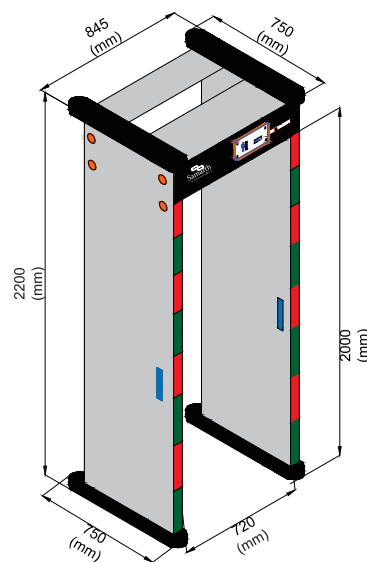
Monitors and records security events in real time for accurate tracking. Allows cross-verification of alerts to ensure reliable detection and minimise false alarms.

#### 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.

## MODEL: 106 F

| Sr. No. | Parameters  | Particulars  |
|---------|---|--|
| 1       | Operating Principle                               | Transmitter and Receiver based   |
| 2       | Signal Processing                                 | Microcontroller based with I2C interface   |
| 3       | Construction                                      | Durable scratch and mar-resistant laminated panels & heavy-duty cross piece Control Unit for ultimate stability  |
| 4       | Dimension<br>Passage clearance:<br>Arch assembly: | 2000 × 720 × 750 mm (H x W x D)<br>2200 × 845 × 750 mm (H x W x D)   |
| 5       | Weight  | 80 kgs. (Approx.)  |
| 6       | Power Supply                                      | 240 VAC ±10%, 50 Hz  |
| 7       | Alarm   | Acoustic and optical alarm, height on person bar display (metal location)  |
| 8       | Calibration                                       | Manual and automatic by built-in keypad; all functions are programmable & controlled by microcontroller  |
| 9       | Sensitivity & Threshold setting                   | Wide range of sensitivity & threshold setting and fine tuning, Zone-wise sensitivity setting (0-255 Steps)   |
| 10      | Zones   | 4, 6, 8, 9, 10, 12 Zones   |
| 11      | Keypad & Operating Console                        | Password-protected membrane keypad with Alphanumeric LCD Display   |
| 12      | Metal Level Display                               | 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      | Operating Temp. & Humidity                        | -20°C to +65°C with Humidity 95% (non-condensing)  |
| 14      | Human Geographical Zone Display                   | Human geographic zone indicator for pinpoint detection   |
| 15      | Compliances                                       | a. Compliant with the applicable international standards for Electrical safety and EMC<br>b. Compliant with applicable Electromagnetic standards on human exposure and pacemaker safety<br>c. Harmless to Magnetic media |
| 16      | Accessories                                       | 1. Pinhole Camera<br>2. LED Monitor with Recording   |
| 17      | Optional  | 1. Battery backup / UPS<br>2. LAN connectivity for Networking via TCP / IP<br>3. VMS Integration   |
| 18      | Packing Details                                   | 1. Panel Box - L - 91 inch, W - 31 inch, H - 13 inch<br>2. Head Box - L - 32 inch, W-16.5 inch, H - 12.5 inch<br>3. Accessories Box - L - 32 inch, W - 16.5 inch, H - 12.5 inch  |



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