



# DFMD Thermal Imaging Metal Detector

RMC-06T-110-005

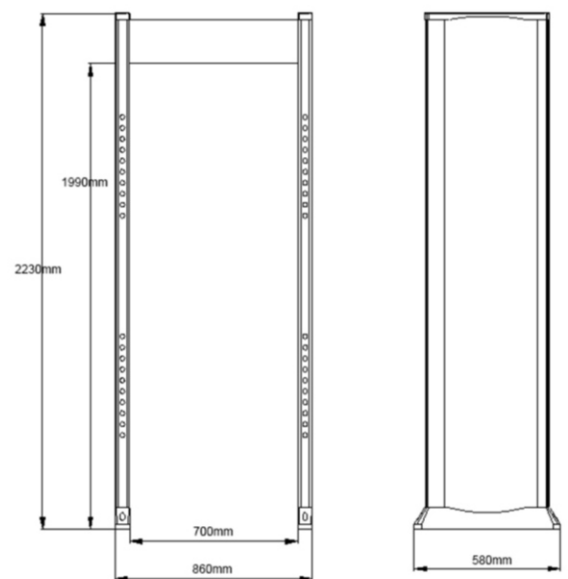


The Ravel Movement Control's walk-through Metal Detector is simple, elegant and thoughtfully designed to address scanning of people for metal objects being carried in their person. These are extremely important these days to ensure un-authorized metal objects are not carried into or out a facility. It could be deployed to scan people entering a Mall or a Hotel.

Sophisticated models are available for facilities & applications that require a very high degree of precision and for deployment outdoor as well. This detector are also incorporated with Temperature Sensors/Thermal cameras to detect and screen the temperature. This pandemic (Covid-19) situation shall be highly monitored with help of this detector, also to isolate the person with high body temperature by entering premises.

Ravel Movement Control has taken enough and more care to offer a product that is safe for all types of pedestrians and are manufactured under stringent environment of quality with eye for detail.

## Dimensions



Graphical Representation / High - Definition Display

Internal Storage : 128GB



Thermal Imaging Camera with Live Monitoring

Detection Range upto 20mts (Non-Contact technology)

Audio / Voice broadcast & Realtime temperature display



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| DESCRIPTION                                      | PARTICULAR  |
|--|---|
| Make   | Ravel Movement Control  |
| Model  | RMC-06T-110-005   |
| <b>THERMAL IMAGING CAMERA</b>                    |   |
| Temperature Detection                            | Thermal Imaging Camera, Non-contact technology  |
| Sensor Technology                                | Uncooled VOX Micro-Bolometer  |
| Spectral Range                                   | Longwave Infrared, 8 to 14 $\mu\text{m}$  |
| Thermal Sensitivity                              | <50mK (0.050°C)   |
| Optimum Temperature Measuring Range              | -10°C to 80°C   |
| Temperature Measuring Range                      | -40°C to 80°C   |
| Reading Range                                    | From 5 Meters Upto 20 Meters  |
| Detection Error                                  | $\pm 0.5^\circ\text{C}$ upto 5 Meters, beyond $1^\circ\text{C}$ upto 20 Meters  |
| Resolution                                       | Thermal: 160 X 120, Optical: 1920 X 1080  |
| Ambient Temperature                              | 0°C to 60°C   |
| GPU  | 128-Core Maxwell  |
| CPU  | Quad-core ARM A57 at 1.43GHz  |
| Internal Storage                                 | 4GB (Micro SD), Can be extended upto 128GB. Externally via USB device, different streams for recording and live monitoring.                       |
| Power Consumption                                | 25 Watts  |
| Tamper Detection                                 | 1500G at 0.04   |
| Throuput   | 80-100 People/Minute  |
| Connectivity                                     | Gigabit Ethernet, M.2 Key E   |
| Display  | HDMI and Display port   |
| Features   | Mask wear detection, Fever detection, Alerts and blacklist, AI Face detection, Internal storage (upto 128 Gb), Live monitoring, Network expansion |
| <b>GENERAL FUNCTIONS</b>                         |   |
| Snapshot recording (pre/post-alarm images)       | Yes   |
| Time and event control/flexible event logic      | Yes   |
| Event video and image transfer via FTP and email | Yes   |
| Playback and QuadView via web browser            | Yes   |



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| IMAGE FORMATS, FRAME RATES & STORAGE        |   |
|---|---|
| Available video codecs                      | MxPEG/MJPEG/H.264   |
| METAL DETECTOR                              |   |
| Material Of Construction                    | High density wood + PVC   |
| Application                                 | Indoor  |
| No of Zones                                 | 6 Zones, Multi-Zone   |
| Housing External/Internal Dimension (in mm) | Ext: 2220 H X 800 W X 580 D, Int: 2010 H X 700 W X 500 D  |
| Passage or Aisle width                      | 700mm   |
| No of Infrared Sensors                      | 2 Pairs, In middle of door panels   |
| Working Frequency                           | 4 KHz - 8 KHz   |
| Sensitivity Levels                          | Overall Sensitivity: 0 to 99, Zone Sensitivity: 0 to 99   |
| Calibration                                 | Automatic Or Manual   |
| Power Supply                                | Mains: AC 230V, ±50Hz, Battery: optional, Consumption: 15W, Fuse: 2pcs, Powercord length: 1.8m              |
| Absorbed Current                            | 1A  |
| Password Protection & Recovery              | Yes   |
| Interference Suppression                    | Digital filtering by signal processor and several operating frequencies to suppress local electrical noise. |
| Ingress Protection                          | IP43, Thermal Camera: IP67  |
| Noise during Operation                      | Less than 60 dB   |
| Weight of the Product                       | 65 Kg   |