



GENERAL

| | |
|--------------------|--------------------------------|
| Credential Support | BLE, Fingerprint and RFID Card |
| IP Rating | Yes (IP65 Design) |
| RF Option | Proximity (EM Prox – 125KHz) |

CAPACITY

| | |
|-----------------------|---|
| Max. Users | 50,000 |
| Max. Template Storage | SFM 6030: 25,000 (1:N) And 100,000 (1:1) |
| Event Buffer | 5,00,000 |

COMMUNICATION

| | |
|-----------|--------------------------|
| Wi-Fi | Yes (IEEE 802.11 b/g/n) |
| Bluetooth | Yes (BLE 4.0) |
| Ethernet | Yes |
| RS-232 | Yes |
| RS-485 | Yes |
| Wiegand | Wiegand IN/OUT Available |
| USB | No |

INTERFACE

| | |
|------------------------|-----------------------------|
| Exit Switch | Yes |
| Door Status Sense | Yes (2 State) |
| Door Lock Relay | Yes |
| Reader Power Output | Internal 12 VDC @ 0.250 Amp |
| Aux-In | NO |
| Aux-Out | NO |
| Reader Interface Types | RS-232 & Wiegand IN/OUT |

HARDWARE

| | |
|--------------|-----------------------|
| CPU | Cortex A8 800 MHz |
| Flash memory | 512 MB |
| RAM memory | 512 MB |
| LED | Single Tri- Color LED |
| Buzzer | Yes |

Operating Temperature 0°C to +50°C (32°F to 122°F)
Humidity 5% to 95% RH Non – Condensing

Tamper Detection Yes
Power 12V DC @ 2A
Power to Door Lock Yes

Internal 12 VDC @ 0.5 Amp

Dimensions (W x H x D) 50.5mm x 160mm x 44mm (1.98"x6.29"x1.73")
Battery Backup Through COSEC PATH BBU or COSEC PSBB12V
Weight 0.27 Kgs (0.59 lbs.)

CERTIFICATES

BIS (IS 13252), IP65, CE, FCC, IEC 60950-1, RoHS

SENSOR

Sensor Name Suprema Sensor
Sensor Technology Optical
Encryption 256-bit AES
Water-proof Yes
False Acceptance Ratio (FAR) 0.001%
False Rejection Ratio (FRR) 0.01%
Resolution (dpi) 500 dpi
Sensing Area 16.00mm x 19.00mm
Template Size 384 Bytes
Image Size (Pixel) 272mm x 320mm

COMPATIBILITY

System Integration API for Software Integration
Operational Modes Direct Door with COSEC CENTRA Server
Panel Door with COSEC PANEL LITE V2

APPLICATIONS

Access Control
Time-Attendance
Contract Workers Management
Visitor Management

**Due to continuous technology upgradations, product specifications are subject to change without notice.*

ABOUT MATRIX

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization; the company is committed to keep pace with the revolutions in the Security and Telecom industries. With around 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like Video Surveillance Systems - Video Management Software, Network Video Recorder and IP Camera, Access Control and Time-Attendance Systems as well as Telecom Solutions such as Unified Communications, IP-PBX, Universal Gateways, VoIP and GSM Gateways and Communication Endpoints. These solutions are feature-rich, reliable and conform to the international standards. Having global footprints in Asia, Europe, North America, South America and Africa through an extensive network of more than 2,500 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration customers representing the entire spectrum of industries. Matrix has won many international awards for its innovative products.



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