



GENERAL

Credential Support	Fingerprint, RFID Card and PIN
Ingress Protection	IP65 Design
Card	EM Proximity Card

CAPACITY

Max. Users	50,000
Max. Template Storage	9,600 in 1: N Mode and 100,000 in 1:1 Mode
Event Buffer	500,000
Templates per User	Up to 10 (Single Template per Finger Mode) Up to 5 (Dual Template per Finger Mode)
Cards per User	Up to 2

COMMUNICATION

Ethernet	Yes (10/100 Mbps)
Mobile Broadband	Yes (3G/4G/LTE)
USB	1 USB Port (Data Transfer and 3G/4G/LTE Dongle)

HARDWARE

CPU	800 MHz ARM Cortex A8 based Processor
Memory	256 MB Flash + 512 MB DDR3 RAM
Micro SD Card	No Inbuilt SD Card (SD Card Supported)
Display	3.5" TFT Display with Capacitive Touch Panel
Display Size	320 x 240 Pixel
Buzzer	Yes
Operating Temperature	0°C to +50°C (32°F to 122°F)
Humidity	5% to 95% RH Non-Condensing
Power	12V DC @ 2A

Dimensions (W x H x D)

91mm x 186mm x 38mm (3.58"x7.32"x1.49")

Weight

0.54 Kgs (1.19 lbs.)

CERTIFICATES

CE, FCC, BIS, RoHS

COMPATIBILITY

System Integration

API for Software Integration

Operational Modes

Direct Door with COSEC CENTRA / COSEC VYOM

SENSOR

Sensor Name

Suprema Sensor - SFM5030

Sensor Technology

Optical Sensing

Encryption

256-bit AES

Water-proof

Yes

False Acceptance Ratio (FAR)

0.001%

False Rejection Ratio (FRR)

0.001%

Resolution (dpi)

500 dpi

Sensing Area

16.0mm x 18.0mm

Template Size

384 Bytes

Image Size (Pixel)

272mm x 320mm

INSTALLATION

Wall Mount

Yes

ACCESSORIES

Power Adapter

12VDC @ 2A (CE, FCC, UL, BIS)

Battery Backup

Yes

APPLICATIONS

Time-Attendance

Cafeteria Management

Job Processing and Costing

**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. Matrix, an innovative, technology driven and customer focused organization, is committed to keep pace with the revolutions in security and telecom industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products such as Unified Communications, IP-PBX, Universal Gateways, Convergence, VOIP Gateways, GSM Gateways, IP Video Surveillance, Access Control and Time-Attendance. These solutions are feature-rich, reliable and conform to the international standards. Having global footprints in Europe, North America, South America, Africa and Asia through an extensive network of more than 1000 system integrators, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of customers representing the entire spectrum of industries. Matrix has won many national and international awards for its innovative products.



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