

Technical Specifications

Fingerprint-Based Access Control and Time-Attendance Door Controller - COSEC PATH DCFM



GENERAL	
Credential Support	BLE and EM Proximity Card
IP Rating	Yes (IP65 Design)
RF Option	MIFARE Classic, MIFARE Plus, MIFARE DESFire EV1/EV2/EV3 & NFC Tag

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
POE	YES (IEEE 802.3af)
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
Door Lock Power	Internal 12 VDC @ 0.25 A
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 Adaptor	12V DC @ 2A (Adapter needs to be purchased separately)
Power to Door Lock	12V DC @ 0.5A (Power to Lock from PATH device) 30V DC @1 A (Power to lock from an External power source)
Dimensions (W x H x D)	50mm x 159mm x 42mm (1.96" x 6.25" x 1.65")
Weight	0.375 Kgs (0.826 lbs.)

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

SENSOR	
Sensor Name	Suprema Sensor - SFM6030-OC6
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 PANEL200P

APPLICATIONS
Access Control, Time-Attendance, Contract Workers Management, Visitor Management

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

Card personalization support varies by technology and variant. For complete clarity and guidance, please consult the Matrix team.

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 keeping pace with the revolutions in the 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, and IP Video Surveillance, Access Control, and Time-Attendance. These solutions are feature-rich, reliable, and conform to international standards.

Having global footprints in Europe, North America, South America, Africa and Asia through an extensive network of more than 4000 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained the 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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