COSEC PATH DCFE

BLE, Fingerprint and RFID Card based Door Controller

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

COMPATBILITY

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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