



ACCESS CONTROL



CAFETERIA  
MANAGEMENT



TIME-ATTENDANCE

# COSEC PATH DCFE

BLE, Fingerprint and RFID Card based Door Controller



JOB PROCESSING  
AND COSTING



VEHICLE ACCESS MANAGEMENT



CONTRACT WORKERS  
MANAGEMENT

VISITOR MANAGEMENT



## 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<br>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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