



TIME-ATTENDANCE



ACCESS CONTROL

## COSEC PATH DCFI

Fingerprint and HID iCLASS Smart Card based Door Controller



VISITOR MANAGEMENT

CONTRACT WORKERS  
MANAGEMENT

### GENERAL

|                    |                      |
|--------------------|----------------------|
| Credential Support | Fingerprint and Card |
|--------------------|----------------------|

### CAPACITY

|                           |   |
|---------------------------|---|
| User Capacity             | 10,000  |
| Template Storage Capacity | 9,600   |
| Template Per User         | Up to 10 (Single Template per Finger Mode)<br>Up to 5 (Dual Template per Finger Mode) |
| Cards Per User            | Up to 2   |
| Types of Cards Support    | HID iCLASS  |
| Event Buffer              | 50,000  |

### COMMUNICATION

|          |                     |
|----------|---------------------|
| Ethernet | Yes (10/100 Mbps)   |
| PoE      | Yes (IEEE 802.3 af) |
| RS-485   | Yes (115.2 Kbps)    |

### INTERFACES

|                        |                                    |
|------------------------|------------------------------------|
| Exit Switch            | Yes                                |
| Door Status Sense      | Programmable NO, NC, Supervised    |
| Door Lock Relay        | Form C, SPDT Relay (Max 2A@30 VDC) |
| Door Lock Power        | Internal 12VDC @ 0.5A or External  |
| Reader Interface Types | RS-232, and Wiegand IN/OUT         |

### AUDIO-VISUAL

|        |                      |
|--------|----------------------|
| LED    | Single Tri-Color LED |
| Buzzer | Yes                  |

### CONFIGURATION

|              |  |
|--------------|--|
| CPU          | 32 Bit Microcontroller                       |
| Flash Memory | 512 KB Internal Memory + 4 MB External Flash |
| RAM Memory   | 128 KB SRAM                                  |

### ELECTRICAL

|                |   |
|----------------|---|
| Input Power    | 12 VDC @ 2A                                       |
| Battery Backup | No Internal Battery Backup, External Through PSBB |

| PHYSICAL                |   |
|-------------------------|---|
| Dimensions (WxHxD)      | 50 x 160 x 42mm (1.96" x 6.29" x 1.65")                                     |
| Weight                  | 0.225 Kg (0.49 Lbs)   |
| ENVIRONMENTAL           |   |
| Humidity                | 5% to 85% RH Non-Condensing   |
| Operating Temperature   | 0°C to +50°C (32°F to 122°F)  |
| CERTIFICATIONS          |   |
| CE and IP65             |   |
| OTHERS                  |   |
| System Integration      | Software API for Software Integration                                       |
| Operational Mode        | Direct Door with COSEC CENTRA Server<br>Panel Door with COSEC PANEL LITE V2 |
| Tamper Detection        | Yes   |
| SENSOR SPECIFICATIONS   |   |
| Sensor Technology       | Suprema Optical Sensor  |
| Waterproof              | Yes   |
| Sensing Area            | 15.9mm x 17.9mm (0.62" x 0.70")   |
| Image Size in Pixels    | 288 x 288   |
| Image Resolution in DPI | 500   |
| Identification Time     | < 1 second  |
| Verification Time       | < 1 second  |
| Equal Error Rate (ERR)  | < 0.1%  |

## ABOUT MATRIX

Established in 1991, Matrix is a leader in Telecom and Security solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization; Matrix is committed to keep pace with the revolutions in the telecom and security industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like Video Surveillance solutions, Access Control, Time-Attendance, IP-PBX, Universal Gateways, Terminals, Convergence solution, VoIP Gateways and GSM Gateways. These solutions are feature-rich, reliable and conform to the international standards. Having global foot-prints in Asia, Europe, North America, South America and Africa through an extensive network of more than 500 channel partners, 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 international awards for its innovative products.

**For further information, please Contact**



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