



TIME-ATTENDANCE



ACCESS CONTROL

## COSEC PATH DCFM

Fingerprint and Mifare Smart Card based Door Controller



VISITOR MANAGEMENT

CONTRACT WORKERS  
MANAGEMENT

### GENERAL

Credential Support	Fingerprint and Card
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### CAPACITY

User Capacity	10,000
Template Storage Capacity	9,600
Template Per User	Up to 10 (Single Template per Finger Mode) Up to 5 (Dual Template per Finger Mode)
Cards Per User	Up to 2
Types of Cards Support	Mifare
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 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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