




ACCESS CONTROL



CAFETERIA  
MANAGEMENT




TIME-ATTENDANCE




## COSEC DOOR FOP V3


Optical Fingerprint and Card based Door Controller




JOB PROCESSING  
AND COSTING



VEHICLE ACCESS MANAGEMENT



VISITOR MANAGEMENT



CONTRACT WORKERS  
MANAGEMENT

### GENERAL

Credential Support	Fingerprint, Card and PIN
Display	128 x 64 Dot Matrix Display
Keypad	16 Touch sense keys

### CAPACITY

User Capacity	50,000 (Max. 9600 in 1:N Mode)
Template Storage Capacity	9,600 in 1:N Mode and 1 lac in 1:1 Mode
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	EM Prox, HID Prox, HID iCLASS and Mifare (COSEC CPM Module Required)
Event Buffer	500,000

### COMMUNICATION

Ethernet	Yes (10 Mbps on Ethernet)
Mobile Broadband	Yes (2G/3G Support)

### 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
Aux-In	Programmable NO, NC, Supervised
Aux-Out	Form C, SPDT Relay (Max 2A@30 VDC)
Reader Interface Types	RS-232, and Wiegand IN only
USB	2 USB Ports (1 for Data Transfer and 1 for 2G-3G Dongle)

### AUDIO-VISUAL

LED	4 LED (Status, Alarm, Allowed, Denied)
Buzzer	Yes

### CONFIGURATION

CPU	400 MHz ARM 9 based Processor
Flash Memory	256 MB Flash
RAM Memory	128 MB DDR2 RAM



**ELECTRICAL**

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

**PHYSICAL**

Dimensions (WxHxD)	100x220x55 mm (3.9"x8.7"x2.2")
Weight	0.49 Kgs (1.07 Lbs)

**ENVIRONMENTAL**

Humidity	5% to 85% RH Non-Condensing
Operating Temperature	0°C to +50°C (32°F to 122°F)

**CERTIFICATIONS**

CE and RoHS

**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 Sec
Verification Time	< 1 Sec
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.

**MATRIX COMSEC**

**Head Office**  
394-GIDC, Makarpura, Vadodara-390 010, India.  
Ph: +91 265 2630555,  
E-mail: [Inquiry@MatrixComSec.com](mailto:Inquiry@MatrixComSec.com)  
SMS 'MATRIX' to +91 99987 55555

**Manufacturing Unit**

19-GIDC, Waghodia, Dist. Vadodara-391 760, India.  
Ph: +91 2668 263172/73

[www.MatrixSecuSol.com](http://www.MatrixSecuSol.com)

*For further information, please contact:*

AmpleTrails

9315441078/53

[info@ampletrails.com](mailto:info@ampletrails.com)