



ACCESS CONTROL

CAFETERIA  
MANAGEMENT

TIME-ATTENDANCE

## COSEC VEGA FAX

Fingerprint and Card based Door Controller with PoE and IP65

JOB PROCESSING  
AND COSTING

VEHICLE ACCESS MANAGEMENT



VISITOR MANAGEMENT

CONTRACT WORKERS  
MANAGEMENT

### GENERAL

Credential Support	Fingerprint, RFID Card and PIN
IP Rating	Yes (IP65 Design)
RF Option	Proximity (EM Prox, HID Prox) and Smart Cards (Mifare, NFC Tag and HID iCLASS) (COSEC CPM Module Required)

### CAPACITY

Max. Users	50,000
Max. Template Storage	9,600 in 1: N Mode and 100,000 in 1:1 Mode
Event Buffer	500,000
Templates per User	Up to 10 (Single Template per Finger Mode) Up to 5 (Dual Template per Finger Mode)
Cards per User	Up to 2

### COMMUNICATION

Wi-Fi	Yes (802.11 b/g/n)
Ethernet	Yes (10/100 Mbps)
PoE	Yes (IEEE 802.3 af)
RS-232	Yes
Mobile Broadband	Yes
Wiegand	Wiegand IN, Wiegand OUT Available
USB	1 USB Port (Data Transfer and 2G-3G Dongle)

### INTERFACE

Exit Switch	Yes, RFID Card and PIN
Door Status Sense	Programmable NO, NC, Supervised
Door Lock Relay	30V DC @ 1 A, Form C, SPDT Relay
Door Lock Power	Internal 12V DC @ 0.5A or External
Aux-In	Programmable NO, NC, Supervised
Aux-Out	30V DC @ 1 A, Form C, SPDT Relay
Reader Interface Types	RS-232, and Wiegand IN/OUT
Micro SD Card	Yes (Inbuilt 8 GB)

## HARDWARE

CPU	800 MHz ARM Cortex A8 Based Processor
Memory	256 MB Flash + 512 MB DDR3 RAM
Display	3.5" TFT Display with Capacitive Touch Panel
Display Size	320 x 240 Pixels
Buzzer	Yes
Operating Temperature	0°C to +45°C (32°F to 113°F)
Humidity	5% to 85% RH Non - Condensing
Tamper Detection	Yes
Power	12V DC @ 2A
Power to Door Lock	12V DC @ 0.5A (Power to Lock from COSEC VEGA FAX) 30V DC @1 A (Power to lock from External Adaptor)
Dimensions (W x H x D)	91mm x 186mm x 38mm (3.58"x7.32"x1.49")
Weight	0.54 Kgs (1.19 lbs.)

## CERTIFICATES

CE, IEC, FCC, BIS, ROHS, IP65, Shock and Vibration Proof

## COMPATIBILITY

System Integration	API for Software Integration
Operational Modes	Direct Door with COSEC CENTRA Server Panel Door with COSEC PANEL LITE V2

## SENSOR

Sensor Name	Suprema Sensor
Sensor Technology	Optical Sensing
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	16.0mm x 19.0mm
Template Size	384 Bytes
Image Size (Pixel)	272mm x 320mm

## APPLICATIONS

Access Control  
Time-Attendance  
Visitor Management  
Contract Workers' Management  
Cafeteria Management  
Job Processing and Costing

*\*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. Matrix, an innovative, technology driven and customer focused organization, is committed to keep pace with the revolutions in security and telecom industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products such as Unified Communications, IP-PBX, Universal Gateways, Convergence, VOIP Gateways, GSM Gateways, IP Video Surveillance, Access Control and Time-Attendance. These solutions are feature-rich, reliable and conform to the international standards. Having global footprints in Europe, North America, South America, Africa and Asia through an extensive network of more than 1000 system integrators, 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 national and 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)

Factory

19-GIDC, Waghodia, Dist. Vadodara-391 760,  
India.

Ph: +91 2668 263172/73

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