



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

Bluetooth (BLE), 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	320mm x 240mm
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

Factory

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

Ph: +91 2668 263172/73

www.MatrixAccessControl.com