



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, Face 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 (802.3 af)

WLAN (802.11 b/g/n)

Frequency: 2.4 GHz, Frequency Range: 2412 MHz to 2485 MHz

Bluetooth (BLE 4.0)

Frequency: 2.4 GHz, Frequency Range: 2402 MHz to 2480 MHz

FCC ID

Z64-WL1835COM

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 16 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 to +50 (32°F to 122°F)
Humidity	5% to 95% 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
Waterproof	Yes
False Acceptance Ratio (FAR)	0.001%
False Rejection Ratio (FRR)	0.01%
Equal Error rate (ERR)	< 0.1%
Resolution (dpi)	500 dpi
Sensing Area	15.9mm x 17.9mm
Template Size	384 Bytes
Image Size (Pixel)	288mm x 288mm

## 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 keeping 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.



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