# COSEC VEGA FAX
Fingerprint and Card based Door Controller with PoE and IP65

| 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 (802.3 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 |
| Ethernet | Yes (10/100 Mbps) |
| PoE | Yes (IEEE 802.3 af) |
| RS-232 | Yes |
| Mobile Broadband | Yes (3G/4G/LTE) |
| 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 | Yes |

| | |
|---|---|
| Aux-Out | Yes |
| Reader Interface Types | RS-232, and Wiegand IN/OUT |

| **HARDWARE** | |
|---|---|
| CPU | 800 MHz ARM Cortex A8 Based Processor |
| Memory | 256 MB Flash + 512 MB DDR3 RAM |
| Micro SD Card | Yes (Inbuilt 16 GB) |
| Display | 3.5" TFT Display with Capacitive Touch Panel |
| Display Size | 320mm x 240mm |
| Buzzer | Yes |
| Operating Temperature | 0 to +45 (32°F to 113°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, 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 PANEL200P |

| **SENSOR** | |
|---|---|
| Sensor Name | Suprema Sensor - SFM5030 |
| 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 | 16.0mm x 18.0mm |
| Template Size | 384 Bytes |

| **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.*

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