COSEC DOOR FOPW

Fingerprint and RF Card based Premium Door Controller with PoE, Wi-Fi and BLE

GENERAL

Credential Support	Fingerprint, RFID Card and PIN
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

Ethernet	Yes (10/100 Mbps)
PoE	YES (IEEE 802.3 af)
RS-232	Yes
Wi-Fi	Yes
BLE	Yes, Built-In (BLE version 4.2)
Mobile Broadband	Yes
Wiegand	Wiegand IN Available
USB	2 USB Port (Data Transfer and 2G-3G Dongle)

INTERFACE

Exit Switch	Yes
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

HARDWARE

CPU	800 MHz Cortex A8 (TI AM3352)
Memory	256 MB Flash + 128 MB DDR3 RAM

Display	128 x 64 Dot Matrix Display
Display Size	38.1mm x 60.96mm (1.5" x 2.4")
LED	4 LED (Status, Alarm, Allowed, Denied)
Buzzer	Yes
Keypad	16 Touch Sense Keys
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 DOOR FOPW) 30V DC @1 A (Power to lock from External Adaptor)
Dimensions (W x H x D)	100mm x 220mm x 56mm (3.93"x 8.66"x 2.20")
Weight	0.65 Kgs (1.43 lbs.)

COMPATBILITY

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%
Resolution (dpi)	500 dpi
Sensing Area	16.0mm x 19.0mm
Template Size	256 ~ 384 bytes (Configurable, 384 bytes default)
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.