COSEC DOOR FMX10
Premium Door Controller with Multispectral Fingerprint

ACCESS CONTROL CAFETERIA MANAGEMENT TIME-ATTENDANCE

JOB PROCESSING AND COSTING VEHICLE ACCESS MANAGEMENT VISITOR MANAGEMENT CONTRACT WORKERS MANAGEMENT

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	10,000 (1: N) (Recommended 1,000 in 1: N) and 100,000 (1:1)
Event Buffer	500,000
Cards per User	Up to 2

COMMUNICATION

Wi-Fi	Yes (802.3 af)
Ethernet	Yes (10/100 Mbps)
PoE	Yes
RS-232	Yes
Mobile Broadband	Yes
Wiegand	Wiegand IN, Wiegand OUT Available
USB	2 USB Port (Data Transfer and Broadband Dongle)

INTERFACE

Exit Switch	Yes
Door Status Sense	Programmable NO, NC, Supervised
Door Lock Relay	30VDC @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

HARDWARE

CPU	800 MHz ARM Cortex A8 Based Processor
Memory	256 MB Flash + 512 MB DDR3 RAM
Display	TFT Touch Display
Display Size	4.3" Capacitive Touchscreen
Buzzer	Yes

Keypad	Touch Display
Operating Temperature	0°C to +45°C (32°F to 113°F)
Micro SD Slot	Yes (Inbuilt 4GB)
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 FMX10) 30V DC @1 A (Power to lock from External Adaptor)
Dimensions (W x H x D)	100mm x 220mm x 56mm (3.9"x 8.7"x 2.2")
Weight	0.6 Kgs (1.32 lbs.)

CERTIFICATIONS

CE, FCC, BIS

COMPATBILITY

System Integration	Device API for Software Integration
Operational Modes	Direct Door with COSEC CENTRA Server
Software Compatibility	COSEC CENTRA V11R3 Onwards

SENSOR

Sensor Name	Multispectral Lumidigm Sensor
Sensor Technology	Multispectral Scanning
False Acceptance Ratio (FAR)	0.01%
False Rejection Ratio (FRR)	0.8%
Sensing Area	27mm x 30mm x 41mm
Template Size	500 ppi
Image Capturing Area	17.4mm x 13.9mm

APPLICATIONS

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

Sensor Reads Surface as well as Subsurface of a Finger

Due to continuous technology upgradations, product specifications are subject to change without notice.