



ACCESS CONTROL



CAFETERIA
MANAGEMENT



TIME-ATTENDANCE

COSEC DOOR PVR

Palm Vein based Door Controller



JOB PROCESSING
AND COSTING



VEHICLE ACCESS MANAGEMENT



VISITOR MANAGEMENT



CONTRACT WORKERS
MANAGEMENT



GENERAL

Credential Support

Palm Vein, RFID Card and PIN
Proximity (EM Prox and HID Prox) and
Smart Cards (Mifare, NFC Tag and HID iCLASS)
(COSEC CPM Module Required)

RF Option

CAPACITY

Max. Users

10,000

Max. Template Storage

20,000

Event Buffer

100,000

Templates per User

Up to 10 templates (Multi-Palm)

Cards per User

Up to 2

Palms per User

Up to 2

COMMUNICATION

Wi-Fi

Yes (802.11 b/g/n)

Ethernet

Yes (10/100 Mbps)

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

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

HARDWARE

CPU

1 GHz ARM Cortex A8 Based Processor

Memory

256 MB Flash + 512 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 PVR) 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.)

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	Fujitsu Palm Vein Sensor
Sensor Technology	Reading by Near- Infrared Light
Encryption	AES Encryption (Cryptography > 128 Bit)
Drip-proof	Yes
Capturing Distance	40 to 60 mm (1.5" to 2.3")
False Acceptance Ratio (FAR)	0.00008%
False Rejection Ratio (FRR)	0.01%
Scope of Capture	Entire Palm
Template Size	3 KB
Dimension (W x H x D)	35mm x 27mm x 35mm (1.3" x 1.0" x 1.3")

APPLICATIONS

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

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