Ample Trails

ACCESS CONTROL   CAFETERIA MANAGEMENT   TIME-ATTENDANCE

COSEC DOOR FOTW

Fingerprint and Card based Time-Attendance
Terminal with PoE, Wi-Fi and BLE

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) (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)
Wi-Fi	Yes
BLE	Yes, Built-In (BLE version 4.2)
Mobile Broadband	Yes (External USB Dongle Required)
USB	2 USB Port (Data Transfer and 2G-3G Dongle)

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
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	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

Time-Attendance
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 keep 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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