



ACCESS CONTROL



CAFETERIA
MANAGEMENT



TIME-ATTENDANCE

COSEC DOOR FOT

Fingerprint and Card based Time-Attendance Terminal with PoE



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)
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 + 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 95% 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

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

**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 keeping 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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