



### GENERAL

Credential Support	Fingerprint, RFID Card and PIN
IP Rating	Yes (IP65 Design)
RF Option	EM Prox

### 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)
Mobile Broadband	Yes
USB	1 USB Port (Data Transfer and 2G-3G Dongle)

### HARDWARE

CPU	800 MHz ARM Cortex A8 Based Processor
Memory	256 MB Flash + 512 MB DDR3 RAM
Display	3.5" Capacitive Touch Panel
Display Size	320 x 240 Pixel
Buzzer	Yes
Operating Temperature	0°C to +45°C (32°F to 113°F)
Humidity	5% to 95% RH Non - Condensing
Power	12V DC @ 2A
Dimensions (W x H x D)	91mm x 186mm x 38mm (3.58"x7.32"x1.49")
Weight	0.54 Kgs (1.19 lbs.)

### CERTIFICATES

CE, FCC, BIS, RoHS

## COMPATIBILITY

System Integration	API for Software Integration
Operational Modes	Direct Door with COSEC CENTRA Server Panel Door with COSEC PANEL200P

## SENSOR

Sensor Name	Suprema Sensor
Sensor Technology	Optical Sensing
Encryption	256-bit AES
Water-proof	Yes
False Acceptance Ratio (FAR)	0.001%
False Rejection Ratio (FRR)	0.01%
Resolution (dpi)	500 dpi
Sensing Area	16.0mm x 18.0mm
Template Size	384 Bytes
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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