ACCESS CONTROL
CAFETERIA MANAGEMENT
TIME-ATTENDANCE

COSEC ARGO FOE212

Optical Fingerprint and EM Prox Card based Premium Door Controller with Touch Screen, PoE, Wi-Fi, IK08 and IP65

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

GENERAL	
Credential Support	Fingerprint, RF Card and PIN
IK Rating	IK08 (Complies IEC 62262 Standard)
IP Rating	IP65 (Complies IEC 60529 Standard)
RF Option	EM Prox Card Support (In built)
DISPLAY	
Display	3.5" IPS Display with Capacitive Touch Panel with Gorilla Glass
Display resolution	480 X 320 Pixel (HVGA)
CAPACITY	
Max. Users	50,000
Max. Template Storage	25,000 in 1: N Mode and 100,000 in 1:1 Mode
Event Buffer	500,000 Events
Templates per User	Up to 10 (Single Template per Finger Mode) Up to 5 (Dual Template per Finger Mode)
COMMUNICATION	
Wi-Fi	Yes (IEEE 802.11 b/g/n)
Ethernet	Yes (10/100 Mbps)
PoE	Yes (IEEE 802.3 af)
RS-232	Yes
Wiegand	Wiegand IN/OUT Available
USB	1 Micro-USB Port (Data Transfer and 2G-3G Dongle)
Bluetooth	Yes, Built in (8m Range)
INTERFACE	
Exit Switch Port	Yes
Door Status Sense	Yes
Door Lock Relay	30V DC @ 2 A, Form C, SPDT Relay
Door Lock Power	Internal 12V DC @ Max. 0.5A or External
Reader Interface Types	RS-232 and Wiegand IN/OUT
HARDWARE	
OS	Embedded LINUX
CPU	800 MHz ARM Cortex A8 Based Processor
Memory	512 MB Flash + 512 MB DDR3 RAM
Mounting Options	Wall Mounting, Flush Mounting

Tamper Detection	Yes
Power	12V DC @ 2A
Dimensions	Wall Mount:186mm(H) x 74mm(W) x 50mm(D) Flush Mount: 186mm(H) x 74mm(W) x 16mm(D)
Weight	0.650 Kgs (1.43 lbs)

AUDIO-VISUAL	
User Photo Display	Yes
Buzzer	Yes

COMPATBILITY	
System Integration	API for Software Integration
Operational Modes	Direct Door with COSEC CENTRA / COSEC VYOM Panel Door with COSEC PANEL LITE

SENSOR	
Sensor Name	Suprema Optical Sensor
Sensor Technology	Optical Technology
Encryption	256-bit AES
EER	<0.08%
Resolution (dpi)	500
Sensing Area	16.0mm x 18.0mm
Template Size	384 bytes
Image Size (Pixel)	288 x 288

ENVIRONMENTAL	
Operating Temperature	0°C to +50°C
Humidity	5% to 85% RH Non – Condensing
Thermal Sensor	Yes, Built-in to Indicate Over Heat Conditions

CERTIFICATIONS	
	Certifications: IP65, IK08, CE, BIS and FCC Compliance: RoHS

APPLICATIONS	
	Access Control Time-Attendance Visitor Management Contract Workers Management 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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