



ACCESS CONTROL

CAFETERIA
MANAGEMENT

TIME-ATTENDANCE

COSEC ARGO FOM212

Optical Fingerprint and Mifare 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 | Mifare Card Support (In built) Read and Write Mifare Card Type |

DISPLAY

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|--------------------|---|
| Display | 3.5" IPS Display with Capacitive Touch Panel with Gorilla Glass |
| Display resolution | 480 X 320 Pixel (HVGA) |

CAPACITY

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|-----------------------|---|
| 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

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|------------------------|---|
| 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

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|------------------|---------------------------------------|
| 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

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|--------------------|-----|
| User Photo Display | Yes |
| Buzzer | Yes |

COMPATIBILITY

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|--------------------|--|
| 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.*