

Technical Specifications

Face-based Door Controller - COSEC ARGO FACEE



Credential Support

| | |
|--------------|---------|
| Human Face | Yes |
| PIN | Yes |
| Card | EM Prox |
| BLE - Mobile | Yes |
| QR Code | Yes |

Capacity

| | |
|-------------------------|---------|
| User Profiles | 50,000 |
| Face Templates | 200,000 |
| Max. Templates Per User | 30 |
| Event Logs | 500,000 |

Face Recognition

| | |
|---------------------|--|
| Algorithm | Deep Learning based Face Recognition |
| Fake Face Detection | Yes |
| Face Identification | 1:200,000 in < 1 sec, 1:1 in < 0.5 sec |
| Face Enrolment | Face Recognition, Terminal Enrolment Station, Upload Images, Exception Faces |

General Specifications

| | |
|--------------------|---|
| Dimensions (HxWxD) | 186mm x 74 mm x 50mm (Wall Mount) 186mm x 74 mm x 16mm (Flush Mount) |
| Weight | 0.650 Kgs (1.433 lbs) |
| Display | 3.5" IPS LCD (Touch Screen) |
| Display Resolution | 480 x 320 Pixel |
| Gorilla Glass | Yes (Gorilla Glass 3) |

| | |
|------------------------------|--|
| CPU | Quad Core ARM Cortex-A7 @ 1.5 GHz |
| GPU | Built-in 2 TOPS Neural Network Computing Performance |
| RAM | 2 GB DDR4 |
| Flash Memory | 16 GB eMMC |
| SD Card | No (Built-in 16GB eMMC provided) |
| Tamper Detection | Yes |
| Buzzer | Yes |
| IR LEDs | Yes |
| Ingress Protection | IP65, IK06 |
| Certificate | CE, FCC, BIS, UL, RoHS |
| Operating Temperature | -10°C to 50°C (14°F to 122°F) |
| Storage Temperature | -20°C to 60°C |
| Humidity | 5% to 95 % RH Non-Condensing |

| Camera | |
|------------------------|--|
| RGB Camera | 2MP Surveillance Grade, IR Blocked |
| Infrared Camera | 2MP Surveillance Grade, IR Band Pass |
| Camera Sensors | SONY IMX 307, EXMOR Technology, STARVIS Series |

| Communication | |
|------------------|-----------------------------------|
| Ethernet | Yes (10/100 Mbps - 1 port) |
| PoE | Yes (IEEE 802.3 af) |
| WiFi | Yes (802.11 b/g/n) |
| 3G/4G/LTE | Yes (Additional USB Modem) |
| BLE | Yes (Version 4.2) (8m Range) |
| USB | Yes (USB 2.0) Micro USB-Type B |

| Interface | |
|--------------------------------|--|
| Exit Switch Interface | Yes |
| External Reader Support | Yes (MATRIX and 3rd Party) |
| External Reader | Interface <ul style="list-style-type: none"> • RS232 • Wiegand Power <ul style="list-style-type: none"> • 12VDC @ 0.5A LED and Buzzer Control <ul style="list-style-type: none"> • Allowed - GREEN LED • Buzzer |
| Wiegand | Yes (Selectable IN/OUT) IN: 26 Bit format OUT: Configurable |
| Door Lock Relay | Yes (30V DC @ 2 A, Form C, DPDT Relay) |
| Door Lock Power | Internal PoE Power: 12VDC @ 0.250 A Internal Adapter Power: 12V DC @ 0.5 A External Power: 30V DC @ 2A |

| Installation | |
|--------------|--------------------------------------|
| Wall Mount | Yes - Plastic Back Cover with Screws |
| Flush Mount | Yes - Metal Bracket with Screws |

| Accessories | |
|---------------|-------------------------------|
| Power Adapter | 12VDC @ 2A (CE, FCC, UL, BIS) |

Note: 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 the 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, and IP Video Surveillance, Access Control, and Time-Attendance. These solutions are feature-rich, reliable, and conform to international standards.

Having global footprints in Europe, North America, South America, Africa and Asia through an extensive network of more than 4000 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained the 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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