



ACCESS CONTROL

CAFETERIA
MANAGEMENT

TIME-ATTENDANCE

COSEC VEGA FAX

Fingerprint and Card based Door Controller with PoE and IP65

JOB PROCESSING
AND COSTING

VEHICLE ACCESS MANAGEMENT



VISITOR MANAGEMENT

CONTRACT WORKERS
MANAGEMENT

GENERAL

| | |
|--------------------|--|
| Credential Support | Fingerprint, Card and PIN |
| Display | 3.5" TFT Display with Capacitive Touch Panel |

| | |
|-------------------|-------------|
| Display Size | 320 x 240mm |
| Size of Wallpaper | 512 Kb |

CAPACITY

| | |
|---------------------------|---|
| User Capacity | 50,000 |
| Template Storage Capacity | 9600 in 1:N Mode and 1 lac in 1:1 Mode |
| Template Per User | Up to 10 (Single Template per Finger Mode) Up to 5 (Dual Template per Finger Mode) |
| Cards Per User | Up to 2 |
| Types of Cards Support | EM Prox, HID Prox, HID iCLASS and Mifare (COSEC CPM Module Required) |
| Event Buffer | 500,000 |

COMMUNICATION

| | |
|------------------|-------------------------------|
| Ethernet | Yes (10/100 Mbps on Ethernet) |
| Wi-Fi | Yes (802.11 b/g/n) |
| PoE | Yes (IEEE 802.3 af) |
| Mobile Broadband | Yes (2G/3G Support) |

INTERFACES

| | |
|------------------------------|---|
| Exit Switch | Yes |
| Door Status Sense | Programmable NO, NC, Supervised |
| Door Lock Relay | Form C, SPDT Relay (Max 2A@30 VDC) |
| Door Lock Power | Internal 12VDC @ 0.5A or External |
| Aux-In | Programmable NO, NC, Supervised |
| Aux-Out | Form C, SPDT Relay (Max 2A@30 VDC) |
| Reader Interface Types | RS-232, and Wiegand IN/OUT |
| USB | 1 USB Port (1 for Data Transfer and 1 for 2G-3G Dongle) |
| 2G/3G Dongle Specification | Huawei E369 (HiMini) Data Card |
| Dongle Dimension (W x H x D) | 25.4 x 65 x 8.5mm (1.0" x 2.5" x 0.3") |

AUDIO-VISUAL

| | |
|--------|-----|
| Buzzer | Yes |
|--------|-----|

| CONFIGURATION | |
|---|---|
| CPU | 800 MHz ARM Cortex A8 based Processor |
| Flash Memory | 256 MB Flash |
| RAM Memory | 512 MB DDR3 RAM |
| Micro SD Card | Yes (Inbuilt 4 GB) |
| ELECTRICAL | |
| Input Power | 12 VDC @ 2A |
| Battery Backup | No Internal Battery Backup, External Through PSBB |
| ENVIRONMENTAL | |
| Humidity | 5% to 85% RH Non-Condensing |
| Operating Temperature | 0°C to +50°C (32°F to 122°F) |
| CERTIFICATIONS | |
| RoHS, CE, IP65, Shock and Vibration Proof | |
| OTHERS | |
| System Integration | Software API for Software Integration |
| Operational Mode | Direct Door with COSEC CENTRA Server Panel Door with COSEC PANEL LITE V2 |
| Tamper Detection | Yes |
| SENSOR SPECIFICATIONS | |
| Sensor Technology | Suprema Optical Sensor |
| Waterproof | Yes |
| Sensing Area | 15.9mm x 17.9mm (0.62" x 0.70") |
| Image Size in Pixels | 288 x 288 |
| Image Resolution in DPI | 500 |
| Identification Time | < 1 Sec |
| Verification Time | < 1 Sec |
| Equal Error Rate (ERR) | < 0.1% |

ABOUT MATRIX

Established in 1991, Matrix is a leader in Telecom and Security solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization; Matrix is committed to keep pace with the revolutions in the telecom and security industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like Video Surveillance solutions, Access Control, Time-Attendance, IP-PBX, Universal Gateways, Terminals, Convergence solution, VoIP Gateways and GSM Gateways. These solutions are feature-rich, reliable and conform to the international standards. Having global foot-prints in Asia, Europe, North America, South America and Africa through an extensive network of more than 500 channel partners, 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 international awards for its innovative products.

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