



ACCESS CONTROL



CAFETERIA
MANAGEMENT



TIME-ATTENDANCE

COSEC VEGA CAX

Card based Door Controller with PoE and IP65



JOB PROCESSING
AND COSTING



VEHICLE ACCESS MANAGEMENT



VISITOR MANAGEMENT



CONTRACT WORKERS
MANAGEMENT



GENERAL

Credential Support

Bluetooth(BLE), RFID Card and PIN

IP Rating

Yes (IP65 Design)

RF Option

Proximity (EM Prox, HID Prox) and
Smart Cards (Mifare, NFC Tag and HID iCLASS)
(COSEC CPM Module Required)

CAPACITY

Max. Users

50,000

Event Buffer

500,000

Cards per User

Up to 2

COMMUNICATION

Wi-Fi

Yes (802.11 b/g/n)

Ethernet

Yes (10/100 Mbps)

PoE

Yes (IEEE 802.3 af)

RS-232

Yes

Mobile Broadband

Yes

Wiegand

Wiegand IN, Wiegand OUT Available

USB

1 USB Port (Data Transfer and 2G-3G Dongle)

INTERFACE

Exit Switch

Yes

Door Status Sense

Programmable NO, NC, Supervised

Door Lock Relay

30 V DC @ 1 A, Form C, SPDT Relay

Door Lock Power

Internal 12V DC @ 0.5A or External

Aux-In

Programmable NO, NC, Supervised

Aux-Out

30V DC @ 1 A, Form C, SPDT Relay

Reader Interface Types

RS-232, and Wiegand IN/OUT

HARDWARE

CPU

800 MHz ARM Cortex A8 Based Processor

Memory

256 MB Flash + 512 MB DDR3 RAM

| | |
|------------------------|---|
| Display | 3.5" TFT Display with Capacitive Touch Panel |
| Display Size | 320mm x 240mm (12.59" x 9.44") |
| Size of Wallpaper | 512Kb |
| Micro SD Slot | Yes (Inbuilt 8GB) |
| Buzzer | Yes |
| Operating Temperature | 0°C to +45°C (32°F to 113°F) |
| Humidity | 5% to 85% RH Non - Condensing |
| Tamper Detection | Yes |
| Power | 12V DC @ 2A |
| Power to Door Lock | 12V DC @ 0.5A (Power to Lock from COSEC VEGA CAX) 30V DC @ 1 A (Power to lock from External Adaptor) |
| 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, IP65, Shock and Vibration Proof

COMPATIBILITY

| | |
|--------------------|---|
| System Integration | API for Software Integration |
| Operational Modes | Direct Door with COSEC CENTRA Server Panel Door with COSEC PANEL LITE V2 |

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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