COSEC DOOR PVR
Palm Vein based Door Controller

GENERAL

Credential Support	Palm Vein, RFID Card and PIN
RF Option	Proximity (EM Prox and HID Prox) and Smart Cards (Mifare, NFC Tag and HID iCLASS) (COSEC CPM Module Required)

CAPACITY

Max. Users	10,000
Max. Template Storage	20,000
Event Buffer	100,000
Templates per User	Up to 10 templates (Multi-Palm)
Cards per User	Up to 2
Palms per User	Up to 2

COMMUNICATION

Wi-Fi	Yes (802.11 b/g/n)
Ethernet	Yes (10/100 Mbps)
RS-232	Yes
Mobile Broadband	Yes
Wiegand	Wiegand IN, Wiegand OUT Available
USB	2 USB Port (Data Transfer and Broadband Dongle)

INTERFACE

Exit Switch	Yes
Door Status Sense	Programmable NO, NC, Supervised
Door Lock Relay	30V 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	1 GHz ARM Cortex A8 Based Processor
Memory	256 MB Flash + 512 MB DDR3 RAM
Display	128 x 64 Dot Matrix Display
Display Size	38.1mm x 60.96mm (1.5" x 2.4")

LED	4 LED (Status, Alarm, Allowed, Denied)
Buzzer	Yes
Keypad	16 Touch Sense Keys
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 DOOR PVR) 30V DC @1 A (Power to lock from External Adaptor)
Dimensions (W x H x D)	100mm x 220mm x 56mm (3.93"x 8.66"x 2.20")
Weight	0.65 Kgs (1.43 lbs.)

COMPATBILITY

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

SENSOR

Sensor Name	Fujitsu Palm Vein Sensor
Sensor Technology	Reading by Near- Infrared Light
Encryption	AES Encryption (Cryptography > 128 Bit)
Drip-proof	Yes
Capturing Distance	40 to 60 mm (1.5" to 2.3")
False Acceptance Ratio (FAR)	0.00008%
False Rejection Ratio (FRR)	0.01%
Scope of Capture	Entire Palm
Sensing Area	16.0mm x 19.0mm
Template Size	3 KB
Dimension (W x H x D)	35mm x 27mm x 35mm (1.3" x 1.0" x 1.3")

APPLICATIONS

Access Control
Time-Attendance
Contract Workers' 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.

MATRIX COMSEC
Head Office
394-GIDC, Makarpura, Vadodara-390 010, India.
Ph: +91 265 2630555
E-mail: Inquiry@MatrixComSec.com

Factory
19-GIDC, Waghodia, Dist. Vadodara-391 760, India.
Ph: +91 2668 263172/73
www.MatrixAccessControl.com