

Technical Specifications

Bluetooth and HiD iClass Card based Door Controller - COSEC PATH DCCI



GENERAL

Credential Support	BLE and HiD iClass Card
IP Rating	Yes (IP65 Design)
RF Option	HID iCLASS, HID Prox, HID SEOS, MIFARE Classic, MIFARE DESFire, MIFARE Plus, & EM Prox Cards

CAPACITY

Max. Users	50,000
Event Buffer	500,000
Cards per User	Up to 2

COMMUNICATION

Wi-Fi	Yes (IEEE 802.11 b/g/n)
BLE	Yes (Configurable range 1m - 8m)
Ethernet	Yes (10/100 Mbps)
RS-232 and RS-485	Yes
PoE	Yes (IEEE 802.3af)
Wiegand	Wiegand IN/OUT Available

INTERFACE

Exit Switch	Yes
Door Status Sense	Yes (2 State - Open & Short)
Door Lock Relay	Yes (30V DC @ 1 A, Dry Contacts NO/NC/COM)
Door Lock Power	Internal 12 VDC @ 0.5A or External
Exit Switch Port	Yes

HARDWARE	
CPU	Cortex A8 800 MHz
Flash Memory	512 MB
RAM Memory	512 MB
LED	Single Tri-Color LED
Buzzer	Yes
Operating Temperature	0°C to +45°C (32°F to 122°F)
Humidity	5% to 95% RH Non-Condensing
Tamper Detection	Yes
Power Adaptor	12V DC @ 2A (Adapter needs to be purchased separately)
Power to Door Lock	12V DC @ 0.5A (Power to Lock from PATH device)
	30V DC @1 A (Power to lock from an External power source)
Dimensions (W x H x D)	50mm x 136mm x 33mm (1.96"x5.35"x1.30")
Weight	0.154 Kgs (0.33 lbs.)

CERTIFICATES
BIS, IP65, CE, FCC, RoHS

COMPATIBILITY	
System Integration	API for Software Integration
Operational Modes	Direct Door with COSEC CENTRA Server
	Panel Door with COSEC PANEL200P

APPLICATIONS
Access Control, Time-Attendance, Contract Workers Management, Job Processing, and Costing

Note: Due to continuous technology upgradations, product specifications are subject to change without notice.

Card personalization support varies by technology and variant. For complete clarity and guidance, please consult the Matrix team.

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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