



ACCESS CONTROL

CAFETERIA  
MANAGEMENT

TIME-ATTENDANCE

## COSEC ATOM RD100

RFID Card and Bluetooth based Reader

JOB PROCESSING  
AND COSTING

VEHICLE ACCESS MANAGEMENT



VISITOR MANAGEMENT

CONTRACT WORKERS  
MANAGEMENT

### GENERAL

Credential Support

BLE and Card

RF Option

**ATOM RD100E:** EM Proximity Card**ATOM RD100M:** MIFARE Classic, DESFire EV1 and EV2(Read/Write)/ NFC Tag**ATOM RD100I:** HID iCLASS Card Support (Read/Write), Desfire EV1 & EV2 (CSN Read) and Mifare Classic (CSN Read)/ NFC Tag

### COMMUNICATION

Inbuilt Bluetooth

Yes

### INTERFACE

RS-232

Yes (Compatible with COSEC ARGO, COSEC VEGA, COSEC PATH V2)

Wiegand

Yes

RS – 485

Yes (Compatible with ARC DC200P)

### HARDWARE

Dimensions (H X W X D)

101mm X 60 mm X 19mm

Weight

140 gms (0.30 Lbs)

Gorilla Glass

Yes (Gorilla Glass 3)

CPU

Nordic 32 Bit

Tamper Detection

Yes

Buzzer

Yes (12V Magnetic buzzer)

LEDs

Yes (Tri Color)

Ingress Protection (IP)

Yes (IP65)

Vandal Proof (IK)

Yes (IK07)

Keypad

Yes

### ENVIRONMENTAL

Operating Temperature

0°C to +55°C

Humidity

5% to 95 % RH Non-Condensing

### CERTIFICATES

Certificates

CE, FCC, ROHS, BIS

## ABOUT MATRIX

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization the company is committed to keep pace with the revolutions in the Security and Telecom industries. With around 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like Video Surveillance Systems - Video Management Software, Network Video Recorder and IP Camera, Access Control and Time-Attendance Systems as well as Telecom Solutions such as Unified Communications, IP-PBX, Universal Gateways, VoIP and GSM Gateways and Communication Endpoints. These solutions are feature-rich, reliable and conform to the international standards. Having global footprints in Asia, Europe, North America, South America and Africa through an extensive network of more than 2,500 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration customers representing the entire spectrum of industries. Matrix has won many international awards for its innovative products.



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