



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 RD100M: MIFARE Classic, DESFire EV1 and EV2(Read/Write)

ATOM RD100I: HID iClass Card Support (Read/Write), Desfire EV1 & EV2 (CSN Read) and Mifare Classic (CSN Read)

COMMUNICATION

Inbuilt Bluetooth

Yes

INTERFACE

RS-232

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

Weigand

Yes

RS – 485

Yes (Compatible with ARC DC200P)

HARDWARE

Dimensions (H X W X D)

101mm X 60 mm X 19mm

Weight

140grms (0.30 Lbs)

Gorilla Glass

Yes (Gorilla Glass 3)

CPU

Nordic 32 Bit

Tamper Detection

Yes

Buzzer

Yes (12V Piezo electric buzzer)

LEDs

Yes (Tri Color)

Ingress Protection (IP)

Yes (IP65)

Vandal Proof (Ik)

Yes (IK06)

ENVIRONMENTAL

Operating Temperature

0°C to +55°C

Humidity

5% to 95 % RH Non-Condensing

CERTIFICATES

Certificates

CE, FCC, UL, 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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