



ACCESS CONTROL



CAFETERIA  
MANAGEMENT



TIME-ATTENDANCE

# COSEC ATOM RD100K

RFID Card, PIN and Bluetooth based Reader



JOB PROCESSING  
AND COSTING



VEHICLE ACCESS MANAGEMENT



VISITOR MANAGEMENT



CONTRACT WORKERS  
MANAGEMENT

## GENERAL

Credential Support  
RF Option

BLE, PIN, and Card

**ATOM RD100KE:** EM Proximity Card

**ATOM RD100KM:** MIFARE Classic, DESFire EV1 and  
EV2(Read/Write)/NFC Tag

**ATOM RD100KI:** HID i-Class/ Mifare/ Desfire/ Combo Cards

## 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

*\*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 organizations. Matrix offers a comprehensive range of solutions for IP Video Surveillance, Access Control, Time-Attendance, and Telecom applications. The solutions are designed to meet the communication and security requirements of large enterprises having offices in multiple locations, SMEs, and SMBs.

As an innovative, technology-driven, and customer-focused organization, Matrix is committed to keeping 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 over 60 cutting-edge products and solutions.

IP Video Surveillance includes solutions like Video Management Systems, Network Video Recorders, and IP Cameras. Likewise, solutions in Access Control and Time-Attendance include Visitor Management Solutions, Elevator Access Control, Panels, Door Controllers, and Readers.

We offer Telecom Solutions such as Unified Communications, IP-PBX, Universal Media Gateways, VoIP and GSM Gateways, and Communication Endpoints. All these solutions are feature-rich, reliable, and conform to international standards.



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