MATRIX

SECURITY SOLUTIONS

Researched, Designed & **Manufactured in** **INDIA**

50+ Countries | 1M+ Customers

MATRIX COSEC ATOM

Why COSEC ATOM?

Higher Security

Secure Organization
Entrance

Secure Digital
Records and Data

Secure Access to
Conference Rooms

Higher Security

Prevent Unauthorized Entry in Sensitive Areas
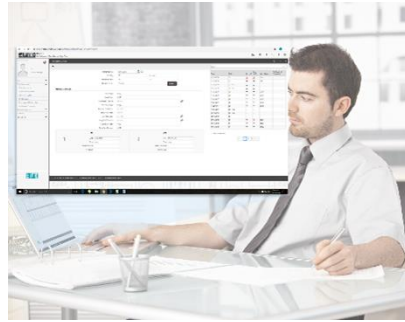

Prevent Theft from Warehouse

Security of Manpower and Assets

Higher Productivity

Accurate Employee In/Out Records

Real-time Attendance Tracking

Reduce Administrative Tasks

Eliminate Time Theft

Better Convenience

Easy to Use   Easy to Install   Multiple Card Types   Compact Design

Differentiators

Access Control
Applications

BLE Enabled

Works with Matrix
and Third-Party
Controllers

Key Features

Multiple Credentials

- Bluetooth based Credentials
    - Your Mobile is Your Identity
    - Fast User Identification

- Multiple RFID Card Support

- PIN Support (Optional)

Innovative Design

- Compact and Elegant Design

- 2 Inch Capacitive Touch Screen

- Gorilla Glass

- IK06 and IP65

- Scratch Proof and Vandal

  Resistant

- Neat and Clean Installation

Multiple Interfaces

RS-485

RS-232

Wiegand

Variants

COSEC ATOM RD100K

COSEC ATOM RD100

Technical Specifications

Specifications	ATOM RD100K	ATOM RD100
Credential Supported	PIN, Card and BLE	Card and BLE
Dimensions (H X W X D)	101mm X 60 mm X 19mm	
Weight	140grms (0.30 Lbs)	
Gorilla Glass	Yes (Gorilla Glass 3)	
Keypad	Yes	No
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 (IK06)	
Certificate	CE, FCC, UL, ROHS, BIS	
Operating Temperature	0°C to +55°C	
Humidity	5% to 95 % RH Non-Condensing	
WiFi Communication	Yes (802.11 b/g/n)	

Technical Specifications

Specifications	ATOM RD100K	ATOM RD100
BLE Communication	Yes (8m Range - For Mobile Applications)	
Wiegand	Yes	
RS232	Yes	
RS485	Yes	
OSDP	Yes	
Wall Mount	Yes	
With Proximity	EM Proximity Card **Variant Name:** ATOM RD100KE	EM Proximity Card **Variant Name:** ATOM RD100E
With Mifare	Mifare Classic/Desfire EV1 & EV2 /combo cards/ NFC Tag **Variant Name:** ATOM RD100KM	Mifare Classic/Desfire EV1 & EV2 /combo cards/ NFC Tag **Variant Name:** ATOM RD100M
With HID iClass	HID i-class/mifare/desfire/combo cards/ **Variant Name:** ATOM RD100KI	HID i-class/mifare/desfire/combo cards/ **Variant Name:** ATOM RD100I

Variants

COSEC ATOM RD200

Technical Specifications

Specifications	ATOM RD200SF
Credential Supported	Fingerprint, Card and BLE
Fingerprint Sensor	Suprema Sensor - SFM6030-OC6
Dimensions (H X W X D)	153mm X 56 mm X 37mm
Weight	320grms (0.70 lbs)
Gorilla Glass	Yes (Gorilla Glass 3)
CPU	AM3352
Tamper Detection	Yes
Buzzer	Yes (12V Magnetic buzzer)
LEDs	Yes (Tri Color)
Ingress Protection (IP)	Yes (IP65)
Vandal Proof (Ik)	Yes (IK06)
Certificate	CE, FCC, ROHS, BIS
Operating Temperature	-20°C to + 55 °C
Humidity	5% to 95 % RH Non-Condensing
WiFi Communication	Yes (802.11 b/g/n)

Technical Specifications

Specifications	ATOM RD200SF
BLE Communication	Yes (8m Range - For Mobile Applications)
Wiegand	Yes
RS232	Yes
RS485	Yes
OSDP	Yes
Wall Mount	Yes
Flush Mount	Yes
With Proximity	EM Proximity Card **Variant Name:** ATOM RD200SFE
With Mifare	Mifare Classic/Desfire EV1 & EV2 /combo cards/ NFC Tag **Variant Name:** ATOM RD200SFM
With HID iClass	HID i-class/mifare/desfire/combo cards **Variant Name:** ATOM RD200SFI

Variants

COSEC ATOM RD300

Technical Specifications

Specifications	ATOM RD300SF
Credential Supported	Fingerprint, PIN, Card and BLE
Fingerprint Sensor	Suprema Sensor - SFM6030-OC6
Dimensions (H X W X D)	153mm X 56 mm X 37mm
Weight	330grms (0.72 lbs)
Gorilla Glass	Yes (Gorilla Glass 3)
CPU	AM3352
Tamper Detection	Yes
Buzzer	Yes (12V Magnetic buzzer)
LEDs	Yes (Tri Color)
Ingress Protection (IP)	Yes (IP65)
Vandal Proof (Ik)	Yes (IK06)
Certificate	CE, FCC, ROHS, BIS
Operating Temperature	-20°C to + 55 °C
Humidity	5% to 95 % RH Non-Condensing
WiFi Communication	Yes (802.11 b/g/n)

Technical Specifications

Specifications	ATOM RD300SF
BLE Communication	Yes (8m Range - For Mobile Applications)
Wiegand	Yes
RS232	Yes
RS485	Yes
OSDP	Yes
Wall Mount	Yes
Flush Mount	Yes
With Proximity	EM Proximity Card **Variant Name:** ATOM RD300SFE
With Mifare	Mifare Classic/Desfire EV1 & EV2 /combo cards/ NFC Tag **Variant Name:** ATOM RD300SFM
With HID iClass	HID i-class/mifare/desfire/combo cards **Variant Name:** ATOM RD300SFI

MATRIX
SECURITY SOLUTIONS

Who We Are

1 Million+
Customer

2500+
Partners

60+
Products

50+
Countries

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