

UBio-X Tag

The UBio-X Tag is a compact yet powerful RFID access control terminal designed for secure and flexible physical entry management. It features a dual-frequency RFID reader supporting 13.56 MHz and 125 kHz card technologies (such as EM, MIFARE, DESFire and HID) along with mobile authentication via NFC and BLE, and optional physical keypad input. Built with rugged IP67 and IK08-rated housing and Power over Ethernet (PoE) support, it delivers reliable performance indoors or outdoors while simplifying installation.



Key Features:

- Real time PUSH technology
- Bluetooth support for mobile key authentication
- Easy Template Distribution for Multi-Location Applications
- Physical keypad built for flexible operation
- Terminal has time and access control system, time & attendance, canteen management application
- Supports device setup and user management via UBio-Link
- Easy card distribution for network applications
- Data logs can be downloaded on the software by mapping the IP address of the controller making it more secure.
- In absence of network, device will store in logs in its memory
- TCP/IP compliant which can be implemented for multiple locations using Access Management Software.

Technical Specifications:

Card Reader Specs:

- Type: 13.56MHz Smart Card Reader (ISO14443A/B, Mifare, Felica, ISO15693) SEOS (Optional), DesFire (EV1/EV2/EV3 (Optional), SAM slot, 125kHz RF Card Reader (Module), EM, HID Prox (Optional)
- RF card reader: EM card (125 KHz)
- Mifare Smart Card Reader: ISO 14443A (13.56Mhz)
- Authentication speed: <1 sec

System Features:

- CPU: ARM Cortex-A7 Dual-core 1.2GHz
- Memory: 4GB eMMC + 256MB RAM
- Card capacity: 400,000 Users
- Event buffers: 1,000,000 Logs
- Authentication Modes: Card, Mobile card (NFC, BLE), and PIN
- Facility Code: Available Based on terminal ID
- Ethernet : 10/100Mbps

Access Control Features:

- Create up to 9999 Time Zones (12 transaction bands per day)
- Access group: 9999
- Inputs: 2 monitoring inputs & one Exit Switch
- Outputs: 2 outputs Relay
- Anti-pass back: Available
- Access authentication from server
- Fire, Emergency, Panic etc. integration is available
- Expiry Date; Blacklisting feature available

Security Features:

- Email sending facility through application in case of critical events like matching fail, tamper, door forced/not closed, blacklisted user attempt etc.
- Integrated with real time alarm display on server
- Can open all doors from network in case of fire or emergency
- IP Camera can be integrated and activated on selected events like Door Force Open; Unauthorized users, holiday access etc (through software)
- Device security enhanced by adding user as admin in device



Hardware Features:

- Speaker - Beep tone
- LED: Multi-color (White, Blue, Red)
- Keypad: 0-9 numeric keys
- Output: TCP/IP, Wiegand IN/OUT, RS485
- Mobile: NFC / BLE
- Ingress Protection: IP67
- Impact Protection: IK08
- POE Supported: Optional
- Tamper Detection

Dimensions:

- 45 × 157 × 27 mm (W × H × D)

Communication:

- TCP/IP, RS485, BLE, Wiegand

Power Specs:

Current & Voltage Req:

ETL Certified 12V DC - 3.5 Amp

Material:

- ABS Plastic

Mounting:

- Wall Mounting

Outside (IP) Enclosure:

- Available on request as per specs
- Call for Information

Certifications:

- CE, FCC, BIS

Operating Temperature:

- -20°C ~ +60°C
- < 95% Humidity (non-condensing)

Warranty:

- Product: 1 yr for any manufacturing defects / workmanship

Accessories (Optional):

- Standard or Battery Back-up Power Supply
- Time Attendance Software
- Strike Lock / Electromagnetic Lock
- Egress Switch
- 12V/7 AH Battery

Applications:

- Time Attendance System
- Access Control System

Areas:

- Call Centers/BPO
- Banking & Finance
- Hotels and Residential
- Corporate & IT/ITES
- Retail, Malls & Multiplexes
- Hospitals & Clinics
- Clubs & Gymnasium
- Schools & Colleges
- Transport & Logistics
- Telecommunications
- R&D Centres and Labs
- Manufacturing Units & Factories
- Government; PSU & Defense

Ordering Information:

Model No	Description
Ubio X Tag (Standard)	Android based Card + inbuilt controller with EM Proximity & Mifare Smart Card Reader
UBio-X Tag (Standard Multiclass)	Android based Card + inbuilt controller with EM Proximity, Mifare Smart, HID EM Proximity & HID iClass Card Reader
UBio-X Tag (with KeyPad)	Android based Card + PIN + inbuilt controller with EM Proximity & Mifare Smart Card Reader
UBio-X Tag (with KeyPad Multiclass)	Android based Card + PIN + inbuilt controller with EM Proximity, Mifare Smart, HID EM Proximity & HID iClass Card Reader
Inbuilt POE	Inbuilt PoE (Optional)

Exclusive India Partner



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