



UBIO-X SLIM



UBIO-X SLIM is a high-end state of the art access control & time recording fingerprint terminal. It has onboard Color camera to record the images of users as they transact (accepted and rejected transactions), USB and TCP/IP interface. It has 50,000 image log capacity. It can also be connected to Printer for Meal Management.

Key Features:

- Viridi Patented Live & Fake Finger Detection Technology.
- Award winning Fingerprint algorithm in year 2011
- Captures the image for authorized/unauthorized.
- Various authentication modes of card, PW, Finger and ID combination.
- Easy Template Distribution for Multi-Location Applications.
- The main screen can be customized by adding any background (customer logo).
- MP4 video support once screen sever mode will be activated.
- Manual Restart the terminal.

Technical Specifications:

Sensor Specs:

- Type: Optical
- Resolution (dpi): 500
- 1:1 Verification: < 1 sec
- 1:100000 FP < 1 sec
- 1:N (1:100000 FP) < 1 sec
- Identification Time: < 1 sec
- Template Size: 400 bytes
- Equal Error Rate: < 0.1%
- FAR: 0.0001% and its configurable
- FRR: 0.1% and its configurable
- Image Size (pixels): => 400 * 400
- Sensing area (mm): 16.4mm X 19.4mm

System Features:

- Memory: 8GB flash and 2GB DDR3 RAM
- CPU: Quad Core 1.4GHz (Cortex-A9)
- Event buffers: 10,000,000
- Number of FP : 1,00,000 (On Device); Unlimited in case of Template on card
- Card users : 5,00,000
- Image capacity : 50,000
- Cards / Readers Compatible: Mifare / EM / HID iClass / HID Prox (Available in different models)
- Card read range: Upto 8 cm.
- User Configuration/Operation Modes: FP, PW, FP|PW, FP & PW, card, Card | FP, Card & FP, Card or PW, Card & PW, (ID | Card) & FP, (ID or Card) & PW
- Template on Smart card: Yes (On Mifare)
- Ethernet : 100bps (Default) /10mbps
- Admin Users: Unlimited.
- LCD Messaging: User defined Local / Global Messages

Access Control Features:

- Create up to 9999 Time Zones (12 transaction bands per day)
- Access groups: 9999
- Inputs: 4 inputs DM0, DM1, DM2 (Reserve) & Exit Switch.
- Outputs: Relay for Lock; Auxiliary
- Anti-pass back: Available
- Access authentication from server
- Fire, Emergency, Panic etc. integration is available
- External Lamp / Siren / Hooter connectivity available
- Expiry Date; Blacklisting; Deny List; Duress FP 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
- Configurable card/fingerprint/Pin verification for logging in to the device for extra security
- Can open all doors from network in case of fire or emergency.
- 0-9 security levels to adjust FRR and FAR as per the environment and customer needs.
- 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:

- LCD display : 5" Color TFT Touch LCD
- Buzzer: Multi tone Buzzer o/p.
- Touch Keypad: 0-9 key numeric, four function keys and enter key.
- External Reader Supported: 125KHz EM / 13.56MHz Mifare / Desfire / Felica / HID Prox(optional) / HID iClass(optional)
- Output: TCP/IP and WIFI-optional



Dimensions:

- 80mm (W) X 195.6mm (H) X 23.5mm (D) (Upper) / 54.67 (Lower)

Communication:

- TCP/IP, WIFI (Optional), RS485, RS232, Wiegand IN/OUT, USB

Power Specs:

Current & Voltage Req:

ETL Certified 12V DC – 3.5 Amp.

Material:

- Polycarbonate

Mounting:

- Wall Mounting

Outside (IP) Enclosure:

- Available on request as per specs
- Call for Information

Certifications:

- FCC / CE / RoHS / BIS

Operating Temperature:

- -20 deg C to 60 deg C
- < 90% Humidity

Warranty:

- Product: 1 yr for any manufacturing defects / workmanship.
- Sensor: 10 Year for any Manufacturing defects (Failure of sensor due to ESD /

Physical damage will not be covered under warranty)

Applications:

- Time Attendance System
- Physical Access Control

Accessories (Optional):

- Standard or Battery Back-up Power Supply
- Time Attendance Software
- Weigand Reader (External):HID iCLASS, Mifare(13.56 Mhz) Smart Card Technology
- Card: Mifare® (1K,4K); HID I Class ;
- Strike Lock / Electromagnetic Lock, NO/NC/COM output available.
- Egress Switch
- 7 AH Battery

Benefits:

- Industry leading fingerprint identification speed
- User-friendly operating modes
- Highest Security Level
- Fingerprint can be stored on Card as additional Security
- More Secured Admin Login with finger or card identity
- Critical (selected) Events' email facility from selected email ids.
- Can read Expiry date and Name from the card

Areas:

- Call Centers/BPO
- Banking & Finance
- Hotels and Residential
- Corporate & IT/ITES
- Retail, Malls & Multiplexes
- Hospitals & Clinics
- Clubs & Gymnasium
- Schools & Colleges

Ordering Information:

Model No	Description
UBio-X SLIM RF	5" Touch Screen + Linux based Biometric (Finger+Card+PIN) + inbuilt controller with EM Proximity Card Reader
UBio-X SLIM SC	5" Touch Screen + Linux based Biometric (Finger+Card+PIN) + inbuilt controller with Mifare Smart Card Reader
UBio-X SLIM HP	5" Touch Screen + Linux based Biometric (Finger+Card+PIN) + inbuilt controller with HID EM Proximity Card Reader
UBio-X SLIM HI	5" Touch Screen + Linux based Biometric (Finger+Card+PIN) + inbuilt controller with HID iClass Card Reader

Exclusive India Partner



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