



## UBio X PRO2

UBio-XPRO-2 is a new addition in Virdi's FACE Reader series with Inbuilt Controller and Latest Walk-Through Face Algorithm to enhance user experience. It recognizes faces at a distance up to 3 meters, authenticates when user walk-through the gate. It is a Multimodal device with unique combination of Face + Live/Fake finger + Card + PIN + camera for face recognition. It has features like Liveness detection & Anti-Spoofing, AI enabled No Mask detection.

### Key Features:

- Mask Detection
- Walk Through and Multi Face Authentication
- Face Recognition from distance upto 3 mtrs
- Enterprise Multi-Modal Device with 5" Touch Screen LCD: Face + Finger + Card + PWD
- Face Recognition technology with 2MP Dual camera
- High Ambient Light condition illumination up to 25,000 lux
- Real time PUSH technology
- Patented LIVE & FAKE Finger Detection Technology
- Various Authentication types of Face, Card, Password & Finger Combination – User wise & Device wise.
- Multi-Location Sites on Single Platform with various connectivity outputs supported
- 20,000 Images logs available for Authorized / Unauthorized Users
- Attendance Software: Client – Server; Web-based & Cloud based available



### Technical Specifications:

#### Sensor Specs:

- Type: Optical
- Resolution (dpi): 500
- 1:1 Verification: < 1 sec
- 1:1,00,000 FP < 1 sec
- Identification Time: < 1 sec
- Template Size: 400 bytes
- Equal Error Rate: < 0.01%

- FAR: 0.0001%
- FRR: 0.1%
- Image Size (pixels): => 400 \* 400
- Sensing area (mm): 15.5mm X 19mm

### System Features:

- CPU: 1GHz Quad Core Processor(Cortex –A9)+ 900MHz Dual Core(Cortex-A7)
- Memory: 2GB RAM + 16GB Flash
- Event buffers: 1,00,00,000 (10 million)
- Fingerprint Capacity(1:1) 5,00,000 & (1:N) 1,00,000; Users Capacity: 5,00,000
- Face Capacity(1:N): 20,000 & 20,000(1:1)
- Image logs: 20,000
- Cards / Readers Compatible: Default Mifare/EM/Desfire/HID iClass/HID Prox (Available in different models)
- Card read range: 8 to 10 cm.
- Authentication type combinations: Face, FP, PW, Face & Finger, Face or finger, FP & PW, card, Card | FP, Card & FP, Card or PW, Card & PW, Card & FP & PW etc.
- Device OS: Android 6.0
- Sensor Mode: 1:1 / 1:N (configurable)
- Templates Mgmt from Software: Available
- Ubio-Xpro2 Face Templates are not compatible with AC7000, Ubio-XPro & UBIO- XProLite.
- Ethernet : 100 bps (Default) /10 mbps
- Mobile image registration through software for Face recognition: Available

### Access Control Features:

- Create up to 9999 Time Zones with up to 12 transaction bands per day)
- Inputs: 3 monitoring input (Configurable) & 1 Exit
- Outputs: 2 o/p
- Expiry Date; Blacklisting; Deny List; Duress User available.
- Dual / Multi-Finger Authentication available.
- Global Anti-pass back: Available
- Fire, Emergency, Panic etc. integration is available
- External Lamp/Siren connectivity 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 or fingerprint 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
- Device security enhanced by adding user as admin in device
- Face technology – fake face free technology
- Device security enhanced by adding user as admin in device



### Hardware Features:

- Dual Camera with IR cut off
- Buzzer: Multi tone Buzzer o/p.
- LCD Display: 5" TFT Colour Touch screen with Android platform
- Touch Keypad: 0-9 key numeric, Four Function keys and Enter key.
- Output: TCP/IP. Wi-Fi (Optional)
- In built dual smart card reader

### Dimensions:

- 149.7mm (L) X 208mm (H) X 56.4mm (D)

### Communications:

- TCP/IP; Wi-Fi (Optional), USB(SD Card), RS485(For Controller),RS232, Wiegand IN/OUT.

### Power Specs:

*Current & Voltage Req:*  
ETL Certified 15V 4A

### Material:

- ABS Plastic with Glass on Front

### Mounting:

- Wall Mounting

### Outside (IP) Enclosure:

- Available on request as per specs
- Call for Information

### Certifications:

- CE/ FCC/BIS/RoHS

### Operating Temperature:

- -20 to 60C
- Humidity < 90%

### Warranty:

- Product: 1 year 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)

### Accessories : (Optional)

- Standard or Battery Back-up Power Supply
- Time Attendance Software
- Card: EM; Mifare® (1K,4K); HID I Class; HID Prox (Optional).
- Strike Lock / Electromagnetic Lock, Auto door.
- Egress Switch
- 12V/7 AH Battery

### Applications:

- Time Attendance System
- Physical Access Control

### 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 PRO 2	5" Touch Screen + Android based Multi modal Face Recognition (Face+Finger+Card+PIN) + inbuilt controller with EM Proximity & Mifare Smart Card Reader
UBio-X PRO 2 HP	5" Touch Screen + Android based Multi modal Face Recognition (Face+Finger+Card+PIN) + inbuilt controller with HID EM Proximity Card Reader
UBio-X PRO 2 HI	5" Touch Screen + Android based Multi modal Face Recognition (Face+Finger+Card+PIN) + inbuilt controller with HID iClass Card Reader

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