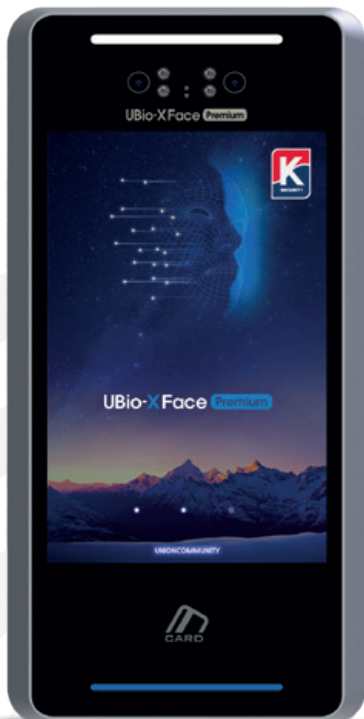




UBio-X Face Premium



UBio-X Face Premium is an enterprise level Face Recognition Terminal Powered by the Latest Face recognition Algorithms & Walk-through Technology.

It has unique 8" LCD Screen and Highest Authentication modes which includes Face + Card + Finger + PIN + Mobile Key + QR.

It recognizes faces at the distance up to 4 meters and authenticates when user walk-through the gate. It is also powered by AI based Mask/No Mask detection, Liveness detection & Anti-Spoofing.

UBio-X Face Premium has been specially designed & crafted for Lux/spacious Lobbies with High Ceilings, Large scale Commercial facilities, Convention Centres, Major Industries / Defence / Shipyards / Ports / Oil & Gas etc.

Key Features:

- Enterprise Multi-Modal Device with 8" Touch Screen LCD: Face + Card + PIN + Mobile Key and (Fingerprint and QR Code reader Optional)
- Face Recognition technology with 5MP Dual camera
- High Ambient Light condition illumination up to 30,000 lux
- Real time Auto PUSH technology
- Patented LIVE & FAKE Finger Detection Technology
- Various Authentication types of Face, Card, PIN, Mobile Key, Fingerprint, QR Code and Combination of any 3 mode – 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 for FP (Optional):

- Type: Optical
- Resolution (DPI): 500
- Fingerprint Capacity (1:N) 50,000 & (1:1) 5,00,000
- Users Capacity: 5,00,000
- 1:1 Verification: < 0.5 sec
- 1:50,000 FP < 0.5 sec
- Identification Time: < 0.5 sec
- Template Size: 400 bytes
- FAR: 0.0001%
- FRR: 0.1%
- TAR: 99.9%
- Image Size (pixels): => 256*292.
- Sensing area (mm): 15.5mm X 19mm
- Certification: Virdi, ISO 1974-2, ANSI-378

For Face:

- Face Capacity : (1:N) 50,000 (1:1) 1,00,000
- Camera: 5M Pixel Color Camera + 5M Pixel IR Camera
- Face Recognition Distance: 0.5M up to 4M
- Face Matching Speed: <0.5 sec.
- Mask/No Mask Detection
- FAR/FRR/TAR: 0.0001% / 0.1% / 97.99%
- Image logs: 20,000.
- Face recognition lux: 40lux ~ 30,000 lux

QR Code Sensor Specs:

- Image Sensor: 640X480
- Symbologies: 1D/2D
- FOV (H x V): 42° x 31.5°

System Features:

- Memory: 4GB RAM + 16GB Flash
- CPU: Cortex A53 Quad Core 1.8 GHz
- NPU: O (2.3 TOPS)
- Event buffers: 10,000,000 (10 million) Image logs: 20,000.
- Fingerprint Capacity (1:1) 5,00,000 & (1:N) 50,000; Users Capacity: 5,00,000
- 50,000 Face in (1:N) & 1,00,000 Face in (1:1)
- Cards / Readers Compatible: Default Mifare / EM Reader/Desfire(CSN); HID iClass & Prox (Available in different models)
- Card read range: Up to 50 mm.
- Authentication type combinations: Face, FP, CARD, PIN, Mobile Key, QR Code and combination of



- any 3 with User wise and device wise.
- Face Recognition Distance: 0.5M up to 4M
- Face Matching Speed: <0.5 sec.
- FAR/FRR/TAR: 0.0001% / 0.1%/ 97.99%
- Device OS: Android 11.0
- Sensor Mode: 1:1 / 1:N (configurable)
- Bluetooth & NFC: Supported.
- Templates Mgmt from Software: Available
- Template on Smart card (TOC): Available.
- Ubio-XFace Premium Face Templates are not compatible with AC7000, Ubio-XPro ,UBIO-XProLite, UBio-XPro2 & UBio-XFace .
- Ethernet : 100 bps (Default) /10 mbps
- Mobile image registration for Face recognition: Available.
- Thermal camera integration for temperature scanning: Available.
- Multi Face Detection

Access Control Features:

- Create up to 9999 Time Zones with up to 12 transaction bands per day)
- Inputs: 3 monitoring input & 1 Exit(Configurable).
- Outputs: 2 o/p
- Expiry Date; Blacklisting; Deny List; Duress User available.
- Dual / Multi-Finger Authentication available.
- Global Anti-pass back: Available. Soft & Hard Anti Pass back.
- 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 Any authentication Mode 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.
- AES 256 Bit Encryption

Hardware Features:

- Dual Camera with IR cut off.
- Speaker: Audio Codec 1W.
- Buzzer: Multi tone Buzzer o/p.
- LCD Display: 8" TFT IPS LCD & Resolution is 800*1280.
- Touch Keypad: 0-9 key numeric, Four Function keys and Enter key.
- In built dual Mifare & Proximity card reader
- Weight: 980gm and 1280Gm with FP sensor (Optional).
- IP Rating: IP65
- Impact Protection : IK06
- Exit Reader: Available
- Wi-Fi (Optional)

Dimensions:

- (W x H x D): 143.3 X 289.5 X 23.8 mm

Communications:

- NFC & Bluetooth (For Mobile Key Authentication)
- TCP/IP
- USB 2.0 & USB 3.0
- RS485 (For VIRDI BLC015)
- RS232(For Thermal Printer)
- Wiegand

Power Specs:

Current & Voltage Req:

ETL Certified DC 15V~24V and 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 / WPC/ UL

Operating Temperature:

- -20 to 60°C
- Humidity 0% ~ 90% non-condensing

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)

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

Ordering Information:

Model No	Description
Ubio-X Face Premium (Standard)	8" Touch Screen + Android based Multi modal Face Recognition (Face+Card+PIN+QR) + inbuilt controller with EM Proximity & Mifare Smart Card Reader
Ubio-X Face Premium (Multi-Class)	8" Touch Screen + Android based Multi modal Face Recognition (Face+Card+PIN+QR) + inbuilt controller with EM Proximity, Mifare Smart, HID EM Proximity & HID iClass Card Reader
X Scan FP	Additional attachable Fingerprint module.

Exclusive India Partner



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