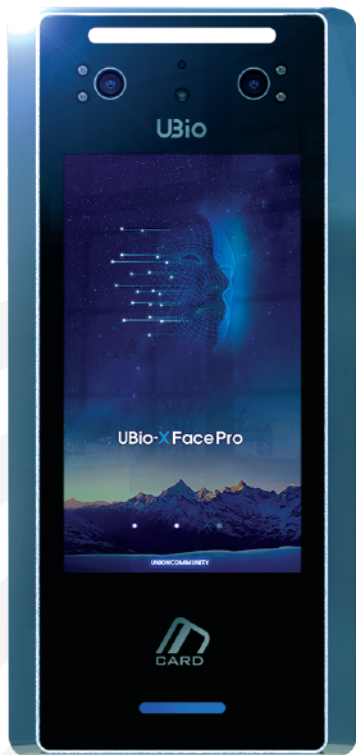




UBio-X Face PRO



UBio-X Face Pro is a Walk-through Face Recognition Terminal specially designed for the New Era keeping in mind the need for advance convenience, world class design, speed and scalability.

This Next Generation Multi Performance Face Reader with its Slim & Compact design provides the experience beyond security.

It has 5" LCD Screen and Highest Authentication modes which includes Face+Card+Finger+PIN+ Mobile Key+QR.

It recognizes faces at the distance up to 2 meters and authenticates when user walk-through the gate. It is also powered by AI based Mask/No Mask detection, Live Face detection/Anti-Spoofing.

UBio-X Face Pro model incorporate an all-in-one integrated RFID feature supporting SC, RF, HID, Felica and NFC. It also supports wireless WiFi network.

Key Features:

- Enterprise Multi-Modal Device with 5" Touch Screen LCD: Face
+ Card + PIN + Mobile Key and (Fingerprint and QR Code on Camera Optional)
- Face Recognition technology with 2MP Dual camera
- Face Recognition lux: 40lux ~ 25,000 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
- Attendance Software: Client – Server; Web-based & Cloud based available.

Technical Specifications:

Sensor Specs for FP (Optional):

- Type: Optical
- Resolution (DPI): 500
- Fingerprint Capacity : 50,000 (1:N); 5,00,000 (1:1)
- Users Capacity: 5,00,000
- 1:1 Verification: < 1 sec
- 1:50,000 FP < 1 sec
- Identification Time: < 1 sec
- Template Size: 400 bytes
- FAR: 0.0001%
- FRR: 0.1%
- TAR:99.99999%
- Image Size (Pixels): =>256 x 292
- Sensing area (mm): 92 x 200 x 22.1
- Certification: ISO 1974-2, ANSI-378

For Face:

- Face Capacity: 50,000 Face in (1:N) &(1:1)
- Camera: 2M Pixel Color Camera + 2M Pixel IR Camera
- Face Recognition Distance: 0.5M up to 2M
- Face Matching Speed: <1 sec.
- Mask/No Mask Detection
- FAR/FRR/TAR: 0.0001% / 0.1%/99.99999%
- Face recognition lux: 40lux ~ 25,000 lux

QR Code on Camera

- 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) Logs
- Image logs: 20,000
- Cards / Readers Compatible: Default Mifare / EM Reader/DESFIRE EV1 /EV2 / EV3; HID iClass & Prox (Optional)/ HID Seos (Optional) (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.

- Device OS: Android 11.0
- Sensor Mode: 1:1 / 1:N (configurable)
- combination of NIR & RGB camera each of 2 MP
- Bluetooth & NFC: Supported.
- FP Template on Smart card (TOC): Available.
- Ethernet: 100 bps (Default) /10 mbps
- Mobile image registration 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 & 1 Exit.
- 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.
- Templates Mgmt from Software: 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.
- Antispoofing : Available
- 256 bit AES Encryption with SSL and TLS protocols 1.2
- Controller to Device : OSDP/ Weigand Out.

Hardware Features:

- Dual Camera with IR cut off.
- Speaker: Audio Codec 1W.
- Buzzer: Multi tone Buzzer o/p.
- LCD Display: 5" 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
- IP Rating: IP 65
- Impact Protection: IK06
- Exit Reader: Available

Dimensions:

- (W x H x D): 92 X 200 X 22.1 mm

Communications:

- Protocols supported: TCP/IP, UDP, IPV4, HTTP, DNS, DHCP SSL, TLS 1.2
- USB
- Wiegand
- Inbuilt Wi- Fi
- NFC & Bluetooth (For Mobile Key Authentication)
- RS485 (For VIRDI Controller)
- RS232(For Thermal Printer)

Power Specs:

Current & Voltage Req:

ETL Certified DC 15V~24V and 4A

Material:

- ABS Plastic with Glass on Front **Mounting:**
- Wall Mounting

Certifications:

- CE / FCC / BIS / RoHs / WPC

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

Thermopile Sensor Detector (Optional):

- Thermal camera integration for temperature scanning: Available.
- Detector Type- thermopile Module.
- Array Format: 32 x 32 (Optional 32 x 24)
- Accuracy: + -0.3°C ~ + - 0.5°C
- FOV (H x F): 33 x 33 (Optional 55 x 35)

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

Thermopile Sensor Engine (Optional):

- Detector Type- thermopile Module.
- Power supply: DC 5V
- Power consumption: < 38mA (Optional: 25mA)
- Control: USB
- Dimension (W x H x D) mm: 60 x 22 x 12 (Optional: 68 x 19 x 12.85)
- Operating Temperature: 0 degC ~ 50 degC (Optional: -40 degC ~ 85 degC)
- Scene Range temperature: 0°C ~ 120°C (Optional: -40°C ~ 300°C)

Ordering Information:

Model No	Description
UBio-X FACE PRO (Standard)	5" Touch Screen + Android based Multi modal Face Recognition (Face+Card+PIN+QR) + inbuilt controller with EM Proximity & Mifare Smart Card Reader
UBio-X FACE PRO (Multi-Class)	5" 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.



235, Blue Rose Industrial Estate, Off Western Express Highway,
Dattapada Road, Borivali (E), Mumbai-400066.

Contact: +91 022 28540144

Email: sales@ortusautomation.com | www.ortusautomation.com