



UBio-X Face



UBio X FACE with Thermopile is FACE Reader integrated with Thermal Module to measures users' body temperature. In case of high temperature the user will be denied for accessing and the logs will be recorded on the server.

UBio X FACE is a new addition in Virdi's FACE Reader series with 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. This device is with the combination of Face + Card and supports a Deep Learning algorithm & Multi Face Authentication. It has features like Liveness detection & Anti-Spoofing, AI enabled No Mask detection.

Key Features:

- Walk Through and Multi Face Authentication
- Mask Detection
- Face Recognition from distance upto 3 mtrs without activation of Temperature detection option
- User can Enroll with photo taken from smartphone
- IP65 suitable for Outdoor environment
- Enterprise Multi-Modal Device with 5" Touch Screen LCD
- Face Recognition technology with 2MP Dual camera
- High Ambient Light condition illumination up to 25,000 lux
- Real time PUSH technology

- Live FACE Detection & Recognition Technology
- Various Authentication types of Face only, Card only, PIN only, Face|Card|PIN, Face & Card & PIN, Combination of any two also – 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:

Thermopile Sensor Detector:

- **Detector Type: Thermopile Module**
- Array Format: 32 x 32 (Optional 32 x 24)
- Accuracy: + -0.3degC ~ + - 0.5degC
- FOV(H x F): 33 x 33 (Optional 55 x 35)

Thermopile Sensor Engine:

- 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 degC ~ 120 degC (Optional: -40 degC ~ 300 degC)

System Features:

- Memory: 2GB RAM + 16GB Flash
- Event buffers: 1,00,00,000 (10 million)
- Face Capacity(1:N): 20,000 & 20,000(1:1)
- Image logs: 20,000
- Cards / Readers Compatible: Default Mifare / EM Reader/HID iClass/ HID Prox (Available in different models)
- Card read range: 8 to 10 cm
- Facility Code: Available
- Device OS: Android 7.12
- Authentication Mode: 1:1 / 1:N (configurable)
- FRR/FAR - 0.1% / 0.0001%
- Templates Mgmt from Software: Available
- Ubio-X 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
- Thermopile Sensor integration for temperature scanning: Available



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; 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/Face/PIN or 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

Hardware Features:

- Dual Camera with IR cut off
- Buzzer: Multi tone Buzzer o/p
- Visual LED Indication : RED/BLUE
- Flash Light for 0 illumination
- LCD Display: 5" TFT Colour Touch screen with Android platform
- Touch Keypad: 0-9 key numeric, Four Function keys and Enter key

Dimensions:

- Dimensions: 94mm (L) X 224mm (H) X 35mm (D)

Communications:

- TCP/IP; USB, RS485, RS232, Bluetooth, 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

Operating Temperature:

- -20 to 60C
- Humidity < 90%

Warranty:

- Product: 1 year for any manufacturing defects / workmanship

Accessories: (Optional)

- Standard or Battery Back-up Power Supply
- Time Attendance Software
- Card: EM; Mifare® (1K,4K); HID I Class; HID Prox
- 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
- Transport & Logistics
- Telecommunications
- R&D Centres and Labs
- Manufacturing Units & Factories
- Government; PSU & Defense

Ordering Information:

Model No	Description
UBio-X FACE RF	5" Touch Screen + Android based Multi modal Face Recognition (Face+Card+PIN) + inbuilt controller with EM Proximity Card Reader
UBio-X FACE SC	5" Touch Screen + Android based Multi modal Face Recognition (Face+Card+PIN) + inbuilt controller with Mifare Smart Card Reader
UBio-X FACE HP	5" Touch Screen + Android based Multi modal Face Recognition (Face+Card+PIN) + inbuilt controller with HID EM Proximity Card Reader
UBio-X FACE HI	5" Touch Screen + Android based Multi modal Face Recognition (Face+Card+PIN) + inbuilt controller with HID iClass Card Reader

Exclusive India Partner



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