



UBio-X IRIS is the latest Access Control Technology introduction in Virdi wide products range portfolio. It has unique combination of IRIS + Live/Fake finger + Card + PIN + camera for Iris recognition. Its 5" touch LCD and User Interface like Android smartphone apps greatly enhance user convenience.

UBio-X IRIS



Key Features:

- Mask Detection
- Enterprise Multi-Modal Device with 5" Touch Screen LCD: IRIS + Finger + Card + PINii
- Auto Tilting camera detects iris automatically
- IRIS Recognition technology with 2MP & 5MP 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 IRIS, Card, Finger, PIN and 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
- 1:40,000 IRIS < 1 sec
- 1:50,000 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): 16.6mm X 21.6 mm

System Features:

- Memory: 2GB RAM + 16GB Flash
- CPU: Coretex-A9 Quad Core 1.0GHz
- Event buffers: 1,00,00,000 (10 million) & Image logs: 20,000
- Fingerprint Capacity(1:1) 2,00,000 & (1:N) 50,000; Users Capacity: 2,00,000
- IRIS Capacity(1:N): 40,000(1 User 1 Eye) & 20,000(1 User 2 Eyes) & 2,00,000(1:1)
- Cards / Readers Compatible: Default Mifare / EM Reader/ HID iClass & HID Prox (Available in different models)
- Card read range: 8 to 10 cm.
- Authentication type combinations: IRIS, FP, Card , PIN and Combination with User wise and device wise.
- Device OS: Android 6.0
- Sensor Mode: 1:1 / 1:N (configurable)
- Templates Mgmt from Software: Available
- Template on Smart card: Yes (on Mifare)
- Ethernet : 100 bps (Default) /10 mbps
- Custom logo can be uploaded in device
- 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; 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 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
- Device security enhanced by adding user as admin in device



Hardware Features:

- Dual Camera with IR cut off
- Auto-tilt Camera for User height adjustment
- Buzzer: Multi tone Buzzer o/p
- Visual LED indication
- LCD Display: 5" TFT Colour Touch screen with Android platform
- Touch Keypad: 0-9 key numeric, Four Function keys & Enter key
- Output: TCP/IP
- In built dual smart card & Proximity card module

Dimensions:

- 160.6mm (W) X 214.1mm (H) X 45.5mm (D)

Communications:

- TCP/IP; USB, RS485(For VIRDI BLC015), RS232(For Thermal Printer), Wiegand.

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 / WPC / RoHs

Operating Temperature:

- -20° to 60°C
- 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; Desfire(CSN); HID iClass; 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

Ordering Information:

| Model No | Description |
|----------------|--|
| UBio-X IRIS | 5" Touch Screen + Android based Multi modal Recognition (Iris+Finger+Card+PIN) + inbuilt controller with EM Proximity & Mifare Smart Card Reader |
| UBio-X IRIS HP | 5" Touch Screen + Android based Multi modal Recognition (Iris+Finger+Card+PIN) + inbuilt controller with HID EM Proximity Card Reader |
| UBio-X IRIS HI | 5" Touch Screen + Android based Multi modal Recognition (Iris+Finger+Card+PIN) + inbuilt controller with HID iClass Card Reader |

Exclusive India Partner



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