

# UBio-X Face

## Walk-Through Method Slim Type Face Recognition System



- Walk through method face recognition at a distance up to 3m and multi face authentication
- Liveness detection and Anti-spoofing function
- Mask detection function (3step)
- Easy user registration with mobile number
- Integration with thermal sensor can detect the user's fever
- Supports various installation environments
- Allows user to enroll by taking a photo with a smartphone and uploading it to the server remotely

## Thermal Sensor (Thermal-i) Specification

|                         |                        |
|-------------------------|------------------------|
| Type                    | Fever Detection Sensor |
| Thermal Sensitivity     | ≤140mk                 |
| Frame Rate              | 4fps                   |
| Array Format            | 32 x 32                |
| Temperature Accuracy    | ±0.3℃                  |
| Temperature Distance    | Adjustable, 0.3 ~ 2M   |
| Dimension (mm)          | 83.8 x 39.6 x 35.6 mm  |
| Control                 | USB                    |
| FOV (H x V)             | 33 x 33                |
| Operating Temperature   | 10℃ ~ 40℃              |
| Scene Range Temperature | 25℃ ~ 45℃              |
| Focal Length            | 5mm                    |
| Power supply            | DC5V                   |
| Power Consumption       | <50mA                  |

## Face Recognition (UBio-X Face) Specification

|                          |                                                                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Biometric                | Face                                                                                                                                                |
| Dust & Waterproof        | IP65                                                                                                                                                |
| CPU                      | Cortex-A9 Quad Core 1.4GHz                                                                                                                          |
| Memory                   | 16GB Flash Memory<br>+ DDR3 512MB x 4(2GB)                                                                                                          |
| Display                  | 5"Color Touch Screen                                                                                                                                |
| Capacity                 | Up to 500,000 Users (1Card : 1User)<br>Up to 20,000 Users (1Face : 1User)<br>Face 1:20,000 < 1sec<br>Event Logs : 10,000,000<br>Photo Logs : 20,000 |
| Interface                | External I/O, TCP/IP, RS-232, RS-485, Wiegand,                                                                                                      |
| Dimension (W x H x D) mm | 94 x 224 x 35.5                                                                                                                                     |

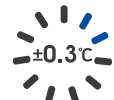
## Integration Available Product (Thermal-i)



Fever screening at a distance up to 2m



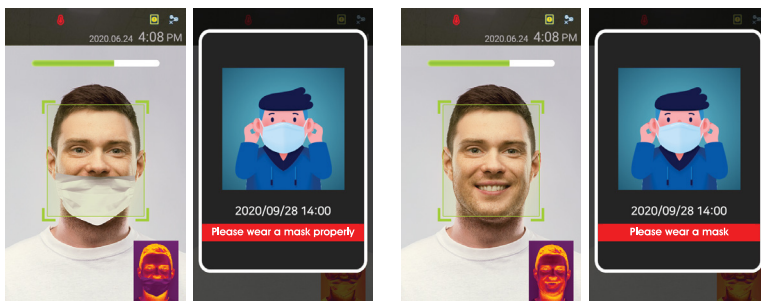
Contactless fever screening, access denied when high temperature



Fast and accurate fever screening within ±0.3℃

## Various Function

### ① Mask detection function (3step)



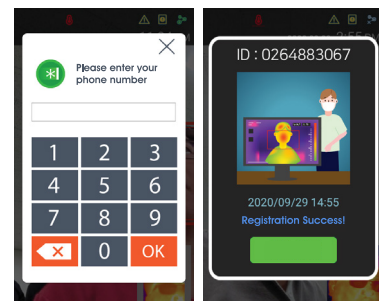
Mask covering chin only

Please wear a mask properly

Mask not worn

Please wear a mask

### ② Easy user registration with mobile number



Unregistered visitors can enroll themselves by simply inputting mobile phone number, and the records are stored to the server

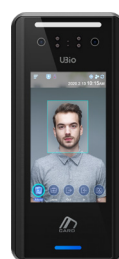
## Installation Example



Stand



Desk



Wall-mounted



Speed Gate