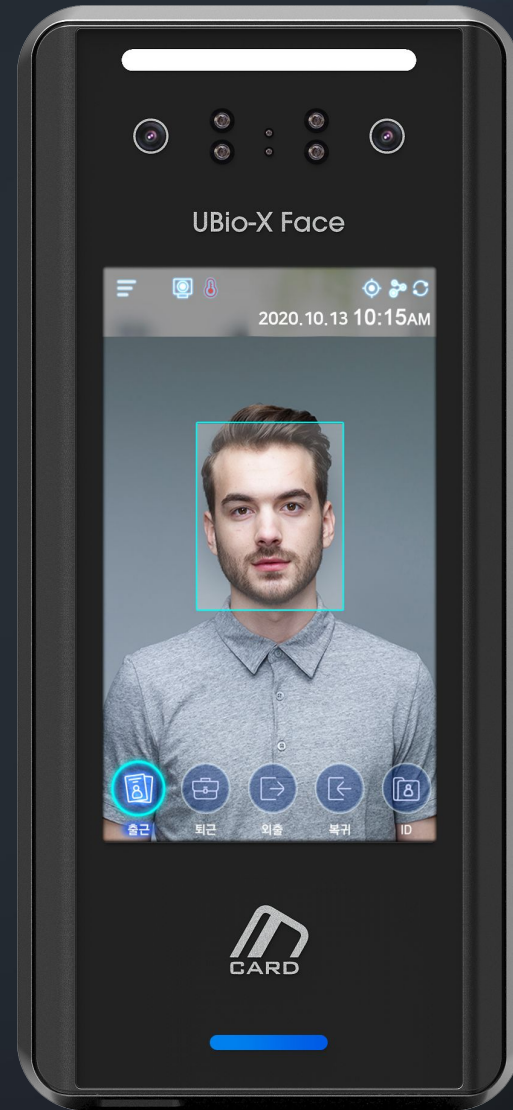


Face Recognition Terminal

UBio-X Face

Introduction



1. MAIN FEATURES



Face & Card
Authentication



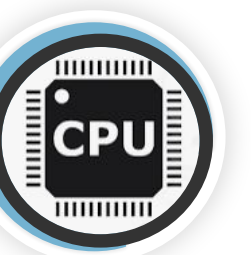
Face Up To
20,000(1:1/1:N)



10,000,000
Text Logs



20,000
Image Logs



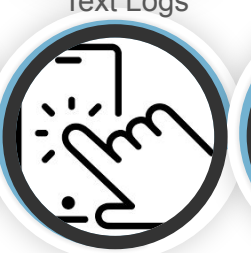
Cortex-A9 Quadcore
1.4GHz CPU



IP65
Water & Dust



Multiple Card
Support



5"Color Touch
LCD Back Light



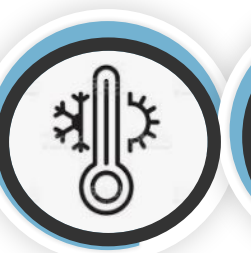
2M Pixel Camera
& Dual Camera



Various
Communication
means



FRR 0.1% /
FAR 0.0001%



-20~ 60 °C
Temperature



Product Dimension
94(W) x 224(H) x 35.5(D)mm

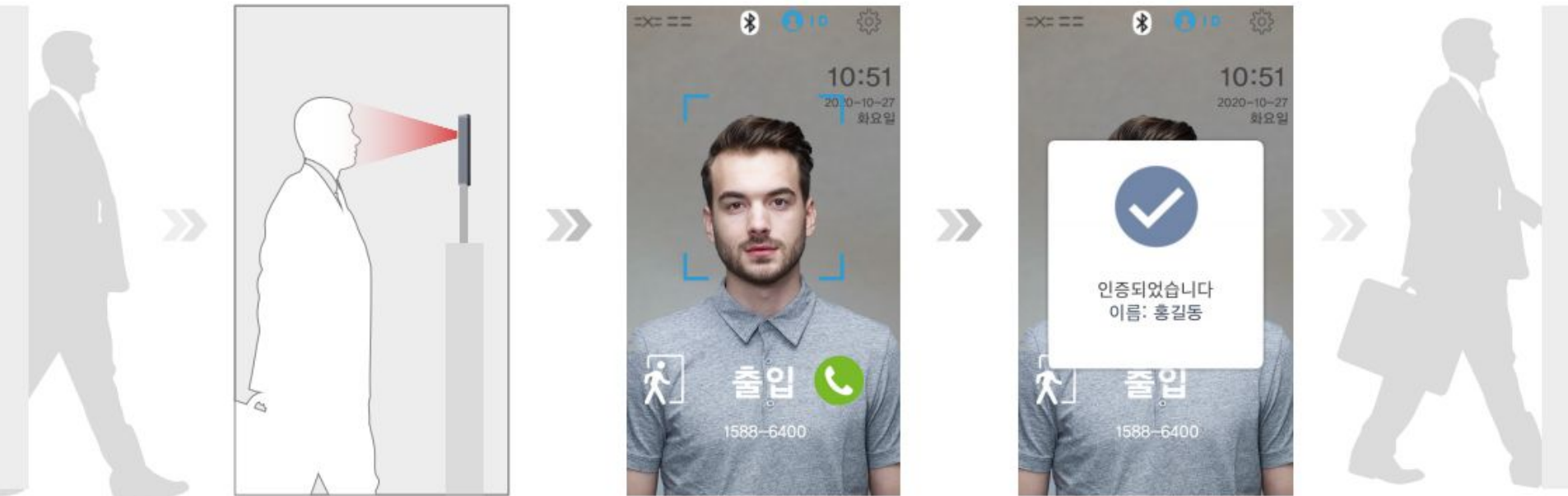


UBio-X Face

Walk-Thru Face Authentication

Equipped with a high-performance face recognition algorithm supporting quick and accurate face authentication at various angles and distances of up to 3 meters.

Multiple face authentication is supportable at the same time.



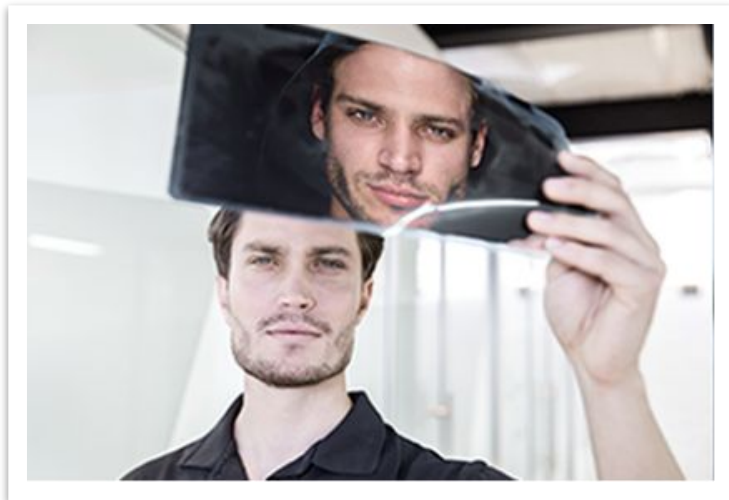
1. Face authentication while walking through max. 3 meters away from the terminal

2. Face authentication trial on the screen of a terminal

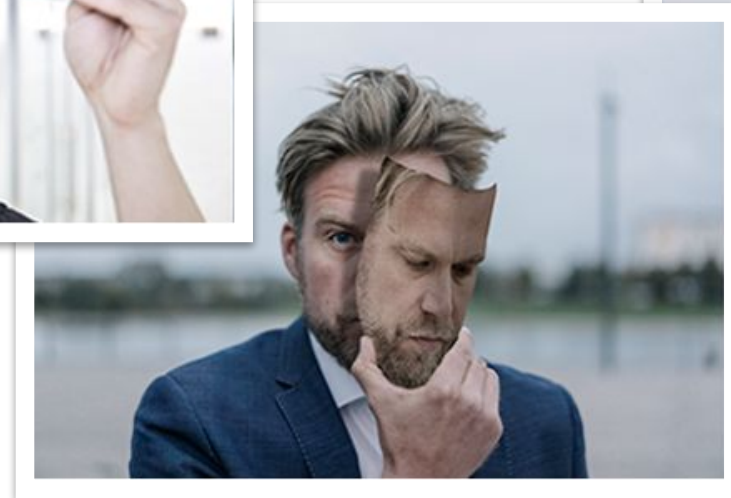
3. After authentication, Access grantable

Liveness Detection and Anti-Spoofing

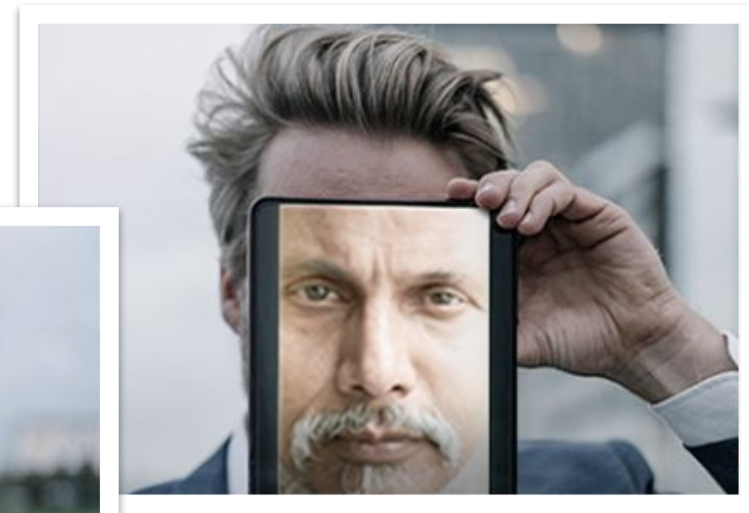
Terminal recognizes if a person who is attempting authentication is real.
Terminal blocks attempts with face photos, 3D models and face masks.



Face Photo



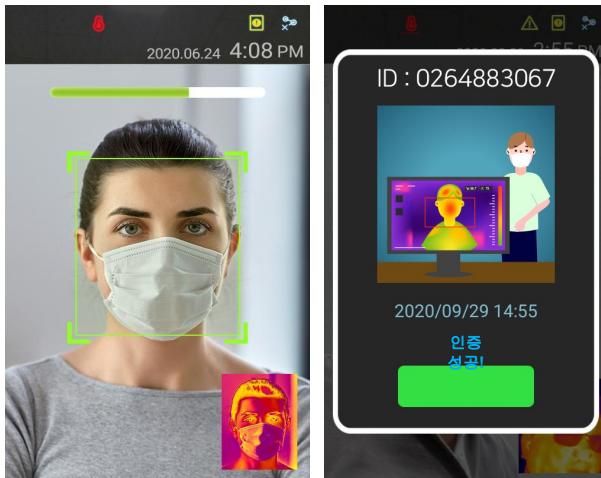
Face Mask



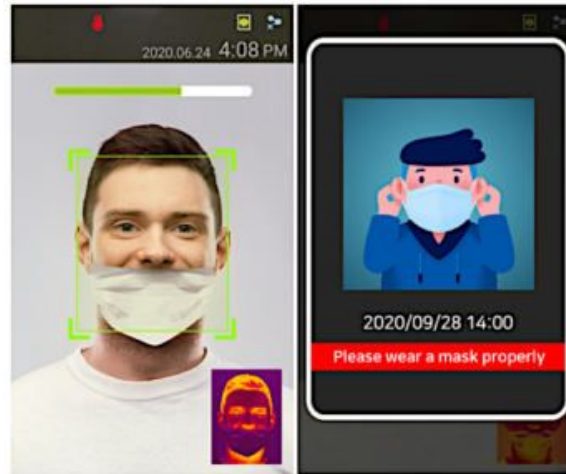
Movie Clip, 3D Model

Mask Detection Feature (3 Steps)

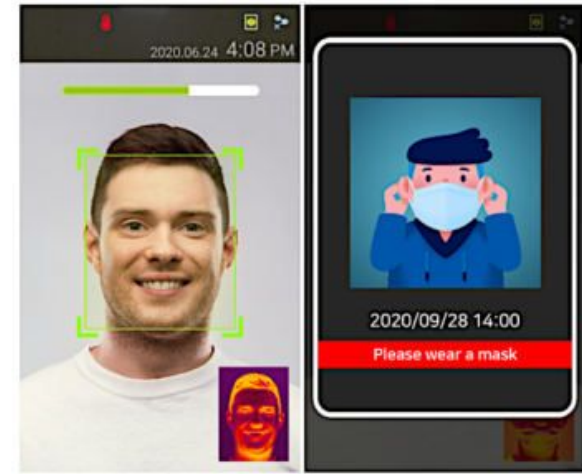
When attempts from a user not wearing a face mask, access denies due to a mask detection feature. Terminal recognizes a face wearing a mask accurately.



When a mask is worn properly,
"Success"



When a mask is worn on chin,
"Please wear a mask properly"



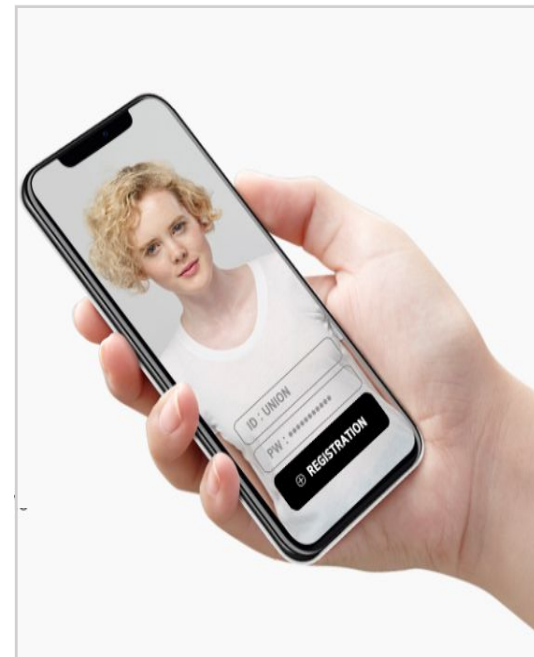
When a mask is not worn,
"Please wear a mask"

Simple User Registration

Simple registration of a user's face is available in sending a face photo to a server using a smartphone.
Phone number registration is available when initial visit and it can be used as an ID of a user for next visit.



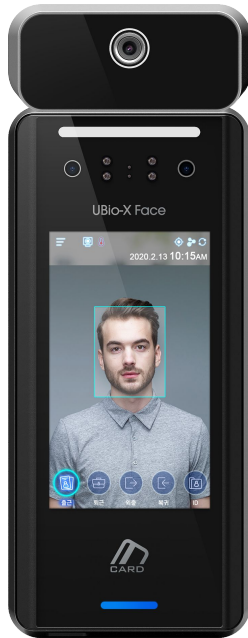
1. Fever detection and access record are available by entering a smartphone number for an unregistered user.



2. A user's face registration and authentication are doable on the server and the terminal by a face photo saved in the smartphone.

Interlocking with Fever Detection Module

Access Control management and fever detection for a visitor are possible at once after interlocking the terminal with a fever detection module. Easy to manage the access histories and tracking infectious people because visitors' data is saved automatically on a server, UBio Alpeta which is a total solution software.



UBio-X Face TS

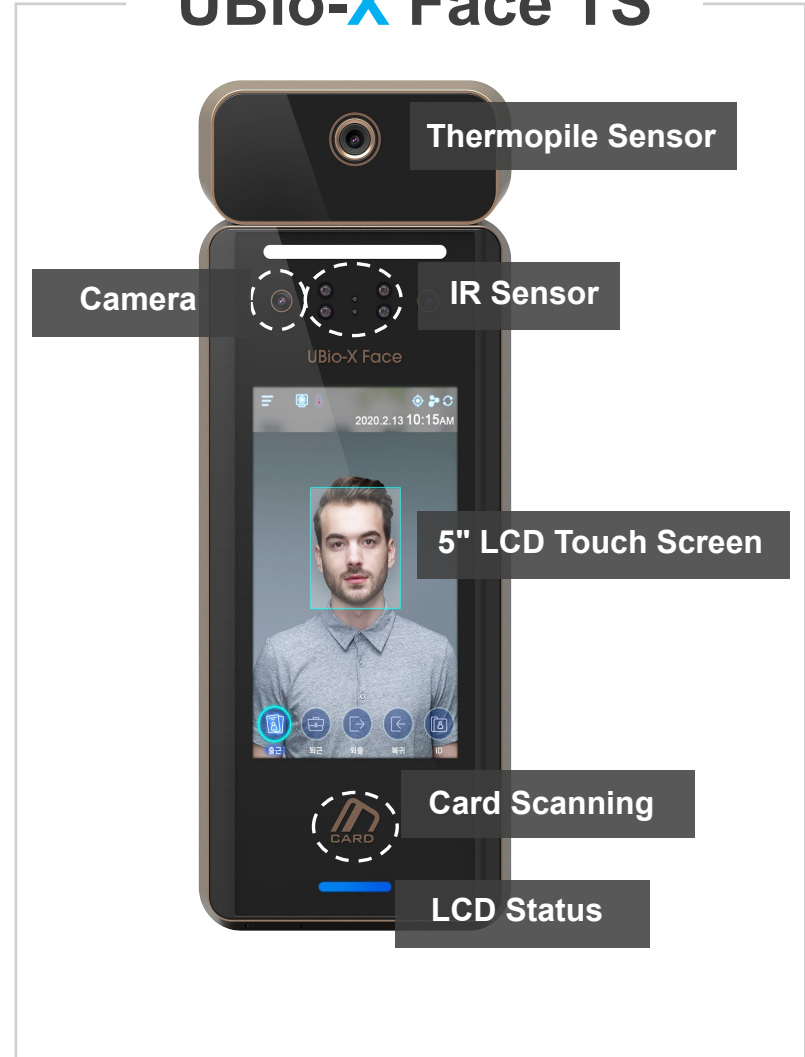


3. PRODUCT DESIGN AND SIZE

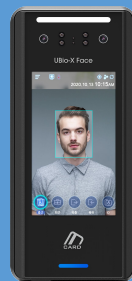
UBio-X Face



UBio-X Face TS



4. PRODUCT SPECIFICATION



	UNIONCOMMUNITY UBio-X Face	S Company Facial Terminal	Z Company Facial Terminal
Authentication Method	Face/Card	Face/Card	Face/Card
CPU	1.4GHz Quad Core 16GB Flash + DDR3 512MB x 4 (2GB)	1.4GHz Quad Core 8GB Flash + 1GB RAM	Unknown
User	20,000 (1:1), 20,000 (1:N)	30,000 (1:1), 3,000 (1:N)	800(1:1), 1,200(1:N)
Capacity	10,000,000 (Text), 20,000 (Image)	5,000,000 (Text), 50,000 (Image)	100,000 (Text), 10,000 (Image)
Display	5" Color TFT LCD	4" Color TFT LCD	3" Touch Screen
Interface	External I/O, TCP/IP, RS485, RS-232, Wiegand,	RS485,	RS485, Wi-Fi (Optional)
Ingress Protection	IP65	Not Supported	Not Supported
Operation Temperature	-20°C ~ 60°C	-20°C ~ 50°C	0°C ~ 45°C
Dimension (W x H x D)mm	94 x 224 x 35.5	141 x 164 x 125	104.7 x 160 x 36

5. PRODUCT SPECIFICATION

- UBio-X Face/ Face TS can be installed and used in a various type.



Floor Stand



Movable Stand



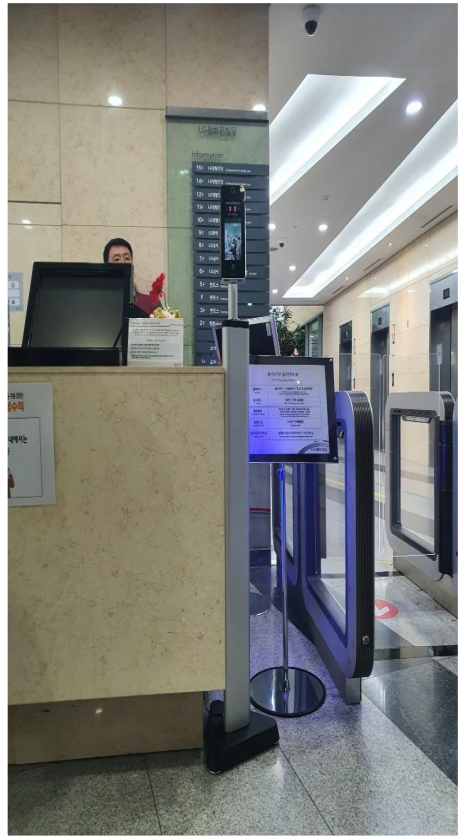
Desk Stand



Gate Type

6. VARIOUS APPLICATIONS

- ❖ It can be used in Commercial buildings, religious facilities, event halls, construction sites etc., that require fast authentication of a large number of people.



Office



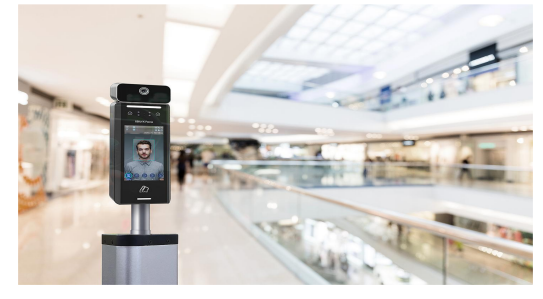
Religious Facility



Event Hall



Construction Site



Commercial buildings



Medical Facility



Transportation/Logistics

The background is a dark blue gradient with several overlapping, semi-transparent geometric shapes, primarily triangles and quadrilaterals, in various shades of blue. Scattered throughout the background are numerous small, glowing light points in white and light blue. Some of these points are larger and brighter, with horizontal or vertical lens flare effects extending from them. A few thin, white lines also cross the background, connecting some of the larger light points.

Thank you