

TW-IriGoPlus is a solution, supporting iris and face recognition. It is the world's best-selling dual authentication solution as a single model. It recognizes iris and face fast from a distance of 30cm to 45cm, and the intuitive user interface makes it easy and convenient for first-time users to initiate. It can store up to 10K users and takes only 0.5sec based on 1:N 100K users.



## Iris+Face Recognition Device

### TW-IriGoPlus

#### Features



Selfie Type  
User Interface



State-of-the-art  
Optical Design



0.5sec  
Matching Speed



Auto-Tilting  
(- 20° ~ +25°)



3D Type Eye Localization  
(High Res. Iris Image)



Iris, 1,00,000 Users  
Face, 3K Users



Fake  
Detection



RFID & Password  
Support



Anti-Passback

#### Applications



Time &  
Attendance



Access  
Control



ID  
Management



Facility  
Security



Thermal Detection  
optional

## Specification

### General

CPU	Quad-Core
LCD Type	5" TFT LCD
Sound	4 bit (1.0W Built-in Speaker)
Operating Temperature	-20°C ~ 50°C
Operating Humidity	10% ~ 90%
Dimension (W x H x D)	166 x 166 x 43 (mm)
Weight	630g (Without Wall Mount Plate)
Power Supply	Voltage: DC 12V ~ 24V / Elec. Current: Max 3A
Power Consumption	Max 25W

### Credential

Biometrics	Iris, Face
RF Card	ISO 14443 A/B, Mifare/DesFire, Elec Card, IC Smart Card

### Iris

Algorithm	Included (Template + Matching)
Capture Range	30 ~ 45 (cm)
Matching Speed	< 0.5sec
Fake Detection	Supported
Image Resolution	640 x 480 (8bit)
Image Standard	ISO 19794-6 2011, ISO/IEC 29794-6
FAR	10-8 ~ 10-14 (Adjustable)
Auto-Tilt	-20° ~ +25°



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## Face

Algorithm	Included (Template + Matching)
Capture Range	30 ~ 45 (cm)
Matching Speed	< 0.5sec

## Capacity

Users (1:N)	Iris: 100,000 / Face: 3,000
Text Log	3,000,000
Image Log	10,000

## Interface

Ethernet	10/100/1000 Mbps (RJ45 Connector)
RS-485	1ch Master/Slave
RS-232	Supported
Wiegand	1ch Input/Output
TTL	2ch Inputs
Relay	1 Relay
USB	USB 2.0 / USB OTG
Tamper	Supported

## Intuitive Subject Positioning

When ToF sensor detects an object from a distance of 1 meter, the user's face is immediately displayed on the screen. According to the guide box shown on the screen, the user's face is naturally located in the center of the screen, and the capture distance is adjusted by following the voice guidance.



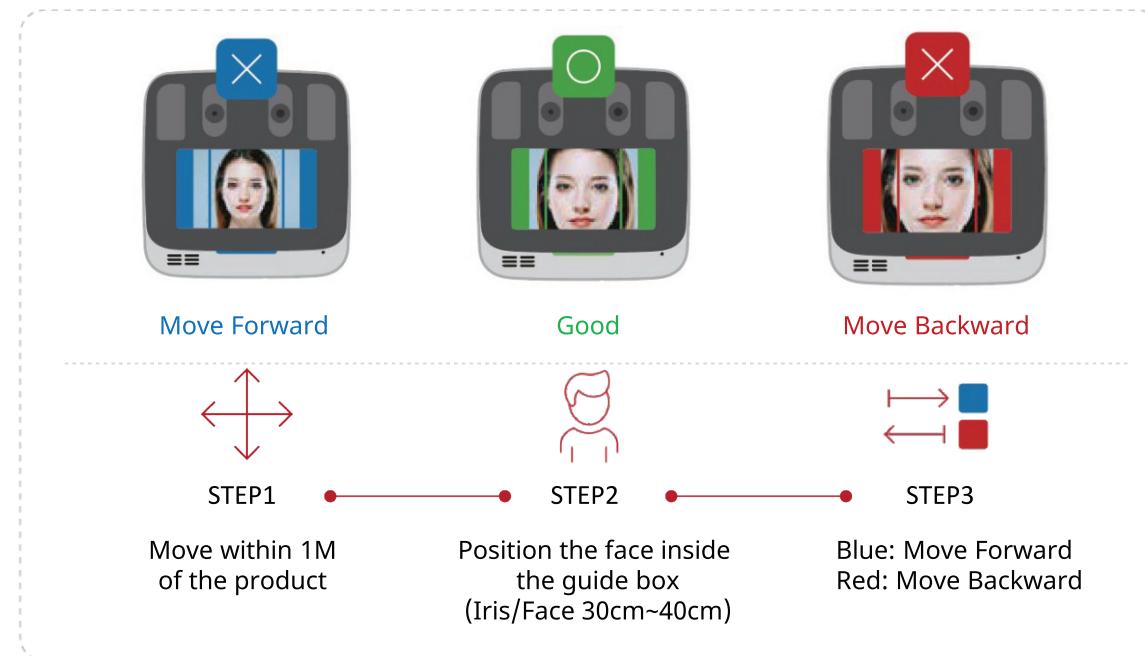
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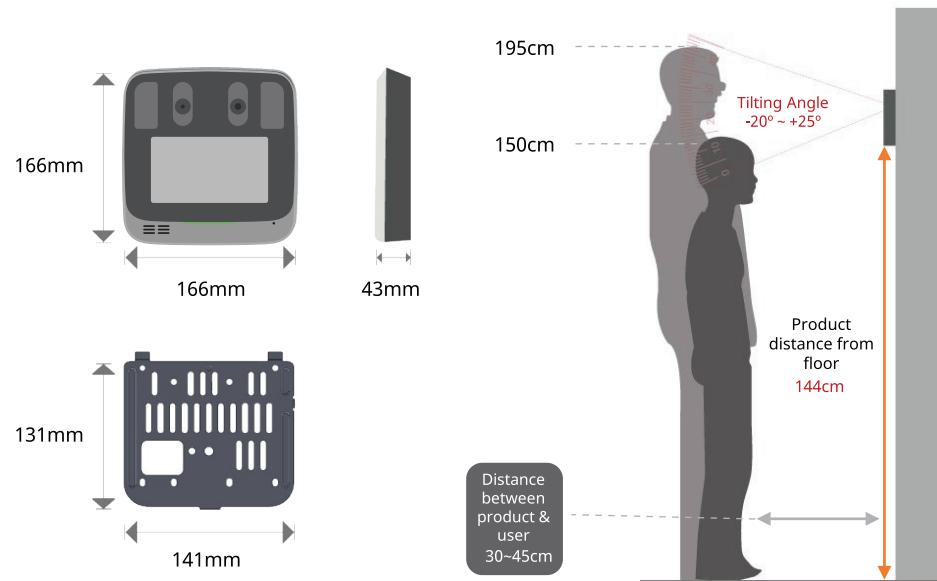
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## Installation Guide



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**International Office :** Dubai

**Disclaimer :** All pictures shown are for illustration purposes only. The actual product and color may vary due to product enhancement. The brief specification is mentioned and may change without prior notice. Please consult us before placing any order.