HIKVISION

671 Series Face Recognition Terminal

Quick Start Guide

UD15607B

Use only power supplies listed in the user instructions:

Model	Manufacturer	Standard
C2000IC12.0-24P-DE	MOSO Power Supply Technology Co., Ltd.	CEE
C2000IC12.0-24P-GB	MOSO Power Supply Technology Co., Ltd.	BS
ADS-24S-12 1224GPG	Shenzhen Honor Electronic Co., Ltd.	CEE

1 Installation

Installation Environment:

- Indoor and outdoor installation are supported. If installing the device indoors, the device should be at least 2 meters away from the light, and at least 3 meters away from the window or the doorf installing the device outdoors, you should apply Sililcone sealant among the cable wiring area to keep the raindrop from entering
- Make sure the environment illumination is more than 100 Lux.

Dimensions:

Note: The figures are for reference only.
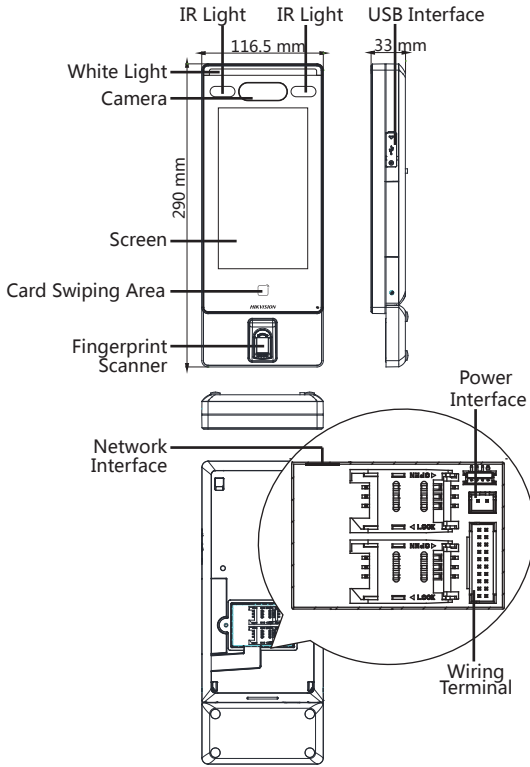
Wall Mounting:

Before you start:
According to the baseline on the mounting template, stick the mounting template on the wall or other surface, 1.4 meters higher than the ground.
Note: Make sure the output of external power supply fulfils LPS.
Steps:
❶ Drill holes on the wall or other surface according to the mounting template and install the gang box.
❷ Use two supplied screws (4_KA4×22-SUS) to secure the mounting plate on the gang box. Use another four supplied screws to secure the mounting plate on the wall. Route the cables through the cable hole of the mounting plate, and connect to the corresponding external devices' cables.
  Note: Apply Silicone sealant among the cable wiring area to keep the raindrop from entering.
❸ Insert the fingerprint module to the holes at the bottom of the main part.
❹ Align the device with the mounting plate and hang the terminal on the mounting plate.
❺ Make sure the two sheets on each side of the mount plate have been in the holes at the back of the device. Use two supplied screws (SC-M4×12TP10-SUS) to secure the device and the mounting plate.
  Notes:
  - The installation height here is the recommended height. You can change it according to your actual needs.
  - You can also install the device on the wall or other places without the gang box. For details, refer to the User Manual.
  - For easy installation, drill holes on mounting surface according to the supplied mounting template.
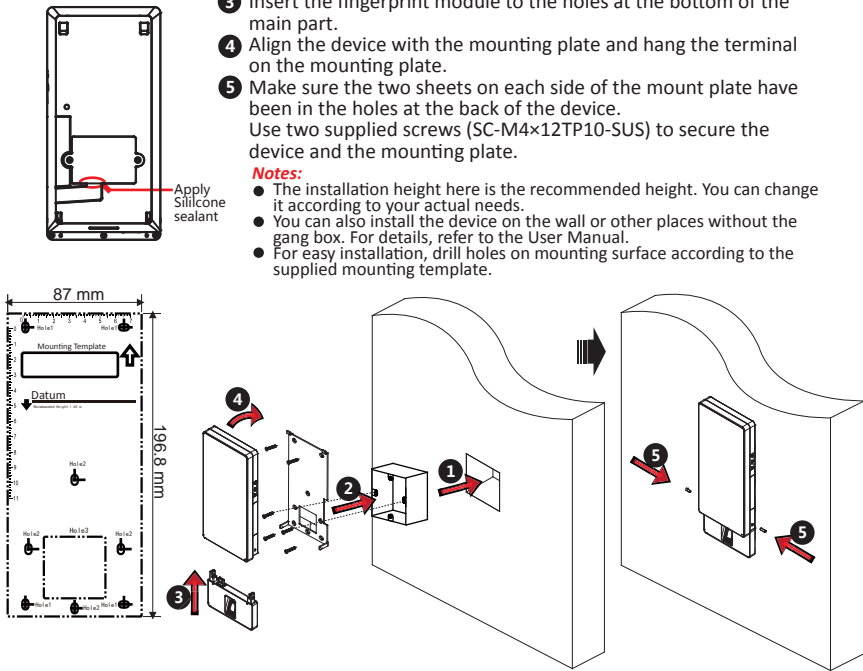
Mounting with Bracket:
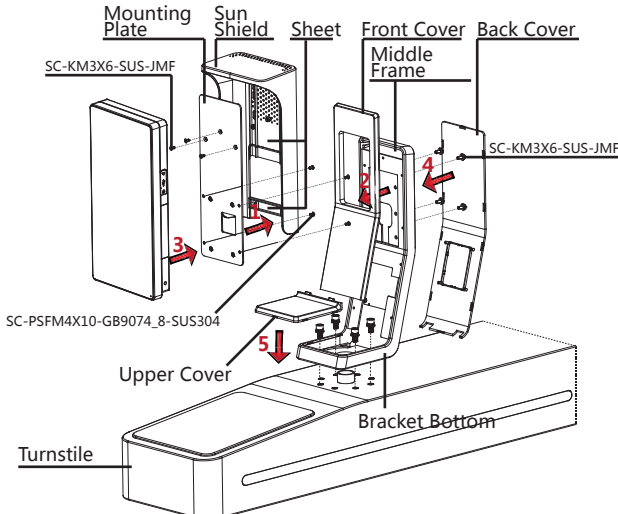
❶ Remove the two sheets on the sun shield. And use 3 screws (SC-KM3X6-SUS-JMF) to install the mounting plate on the sun shield.
  Note: If install the device indoors, skip this step.
  Disassemble the device back sheet, wire the cables and route the cable through the cable hold of the mounting plate.
  Install the back sheet back with 2 screws (KM3X6) to cover the wiring interfaces.
  Note: Apply Silicone sealant among the cable hole of the mounting plate.
❷ Assemble the front cover and the middle frame with 9 screws (SC-PA2X6-JMP). Route the cables through the cable hole of the front cover and middle frame. Make sure the cables come out from the bottom of the middle frame.
❸ Install the device on the mounting plate with 4 screws (SC-PSFM4X10-GB9074_8-SUS304). Install the assembled device, mounting plate, and sun shield on the assembled front cover and middle frame with 4 screws (SC-KM3X6-SUS-JMF).
❹ Align the back cover and the middle frame and buckle them together.
❺ Install the upper cover.
  1) Route the cables through the reserved cable hole on the turnstile.
  2) Align the screw holes on the bracket bottom with the screw holes on the turnstile. Secure the bracket on the turnstile with 4 screws (HSCSM6×14-SUS).
  3) Align the upper cover and the bracket bottom and buckle them together.

2.1 Device Wiring (Without Secure Door Control Unit)
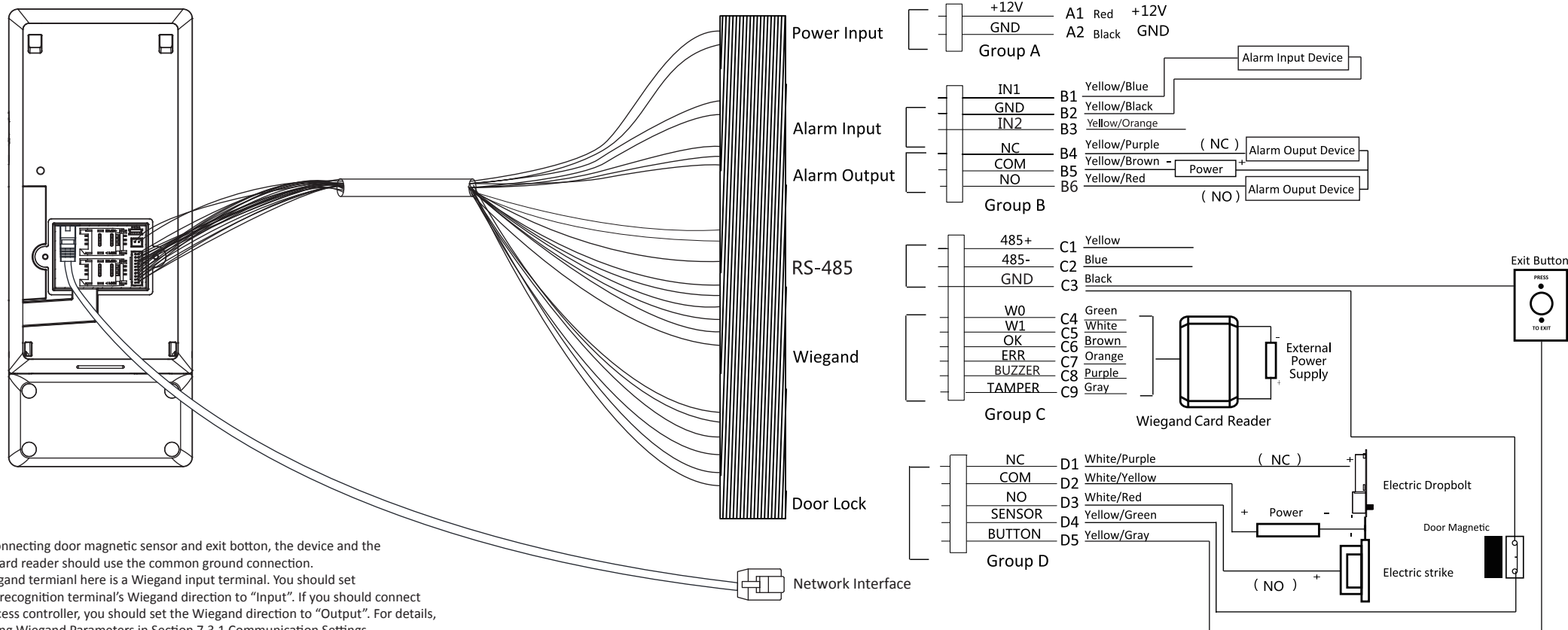
Notes:
- When connecting door magnetic sensor and exit botton, the device and the RS-485 card reader should use the common ground connection.
- The Wiegand termianl here is a Wiegand input terminal. You should set the face recognition terminal's Wiegand direction to "Input". If you should connect to an access controller, you should set the Wiegand direction to "Output". For details, see Setting Wiegand Parameters in Section 7.3.1 Communication Settings.

2.2 Device Wiring (With Secure Door Control Unit)

Face Recognition Terminal　　　　　　　　　　　Secure Door Control Unit

Power Input
+12V — A1 Red +12V
GND — A2 Black GND

Door Magnetic

Sensor Input
SENSOR — B1 Green/Brown
GND — B2 Black

RS485
485+ C1 Yellow
485- C2 Blue

Secure Door Control Unit Wiring Terminal

Exit Button
BUTTON — B3 Green/Black
GND — B4 Black

Exit Button

Lock Output
NC — C1 White/Purple （NC）
COM — C2 White/Black
NO — C3 White/Red

Power

Electric Dropbolt

Electric Strike

（NO）

Note: The secure door control unit should connect to an external power supply seperately.

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3 Activation

Power on and wire the network cable after installation. You should activate the device before the first login.

If the device is not activated yet, it will enter the Activate Device page after powering on.

Steps:
1. Create a password and confirm the password.
2. Tap **Activate** to activate the device.
Note: For other activation methods, see the device user manual.

⚠ STRONG PASSWORD RECOMMENDED–
We highly recommend you create a strong password of your own choosing (using a minimum of 8 characters, including upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

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4 Two-Way Audio

After adding the device to the client software, you can call the device from the client software, call the client software from the device, call the center from the device, or call the indoor station form the device.

● **Call Client Software from Device**
After adding the device on the client software, tap 📞 -> 👤, and tap **Answer** on the pop-up window on the client software to start two-way audio.
Note: If the device is added by multiple client softwares and when the device is calling the client software, only the first client software added the device will pop up the call receiving window.

● **Call Center from Device**
After adding the device and center on the client software, tap 📞 -> 👤 to call the center. When the center answers the call, you can start two-way audio.
Note: The device will call the center in priority when tap the administrator icon.

● **Call Device from Client Software**
After adding the device on the client software, you can enter the Live View page. Right click the live view window and click **Start Two-Way Audio** to start two-way audio.

● **Call Indoor Station from Device**
After adding the device and the indoor station on the client software, link the added user and the added indoor station, and set a room No. for the indoor station.
Tap 📞 and enter the room No. And tap 📞 to call the indoor station.

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5 Adding Face Information

1. Tap the settings icon at the lower right corner of the initial page and input the activation password to enter the main page.

2. Enter the User Management page, tap + to enter the Add User page.
Note: Only the devices with the fingerprint module support the fingerprint related functions.

4. Tap **Face** and collect the face information according to the instructions.
You can view the captured picture at the upper right corner of the page. Make sure the face picture is in good quality and size. For details about the tips and positions when collecting or comparing the face picture, see the contents on the right.

5. If the picture is in good condition, tap Save to save the picture. Or tap **Try Again** to take another face picture.

6. Tap ✔ to save the settings.
Go back to the initial page to start authentication.
For other authentication methods, see the device user manual.

Recommended:
Use 1:1 Face Matching when the face is hard to recognize.
Use other authentication methods if the device if affected by the light or other items.
1:1 Matching: The device will compare the captured face picture with the ones in the database.
1:N Matching: The device will compare the captured face picture with the user linked face picture.

⚠
● Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.
● If you adopt multiple authentication modes, you should authenticate other methods before authenticating face.

Tips When Collecting/ Comparing Face Picture

Expression
● Keep your expression naturally when collecting or comparing face pictures, just like the expression in the picture on the right.
● Do not wear hat, sunglasses, or other accessories that can affect the facial recognition function.
● Do not make your hair cover your eyes, ears, etc. and heavy makeup is not allowed.

Posture
In order to get a good quality and accurate face picture, position your face looking at the camera when collecting or comparing face pictures.

Correct ✔　Tilt ✖　Side ✖　Raise ✖　Bow ✖

Size
Make sure your face is in the middle of the collecting window.

Correct ✔　Too Close ✖　Too Far ✖

Too Close　Correct　Too Far
Height: 1.43m to 1.90m
Move Back and Forth
1.4m
0.5m

Positions When Collecting/ Comparing Face Picture
(Recommended Distance: 0.5m)

Recommended Height: 1.43m to 1.90m ✔
Too High ✖
Too Low ✖
1.4m　0.5m
1.4m　0.5m

Too Close ✖
Too Far ✖
1.4m　0.5m
1.4m　1.2m

Regulatory Information

FCC Information
Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.
This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

FCC Conditions
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

CE This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the RE Directive 2014/53/EU, the EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU.

2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: *www.recycle-this.info*

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: *www.recyclethis.info*

Safety Instruction
These instructions are intended to ensure that user can use the product correctly to avoid danger or property loss.
The precaution measure is divided into Warnings and Cautions:
Warnings: Neglecting any of the warnings may cause serious injury or death.
Cautions: Neglecting any of the cautions may cause injury or equipment damage.

⚠ **Warnings**
● All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.
● Please use the power adapter, which is provided by normal company. The power consumption cannot be less than the required value.
● Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.
● Please make sure that the power has been disconnected before you wire, install or dismantle the device.
● When the product is installed on wall or ceiling, the device shall be firmly fixed.
● If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
● If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)

⚠ **Cautions**
● Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
● Do not place the device in extremely hot (refer to the specification of the device for the detailed operating temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.
● The device cover for indoor use shall be kept from rain and moisture.
● Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).
● Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.
● Please use the provided glove when open up the device cover, avoid direct contact with the device cover, because the acidic sweat of the fingers may erode the surface coating of the device cover.
● Please use a soft and dry cloth when clean inside and outside surfaces of the device cover, do not use alkaline detergents.
● Please keep all wrappers after unpack them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper. Transportation without the original wrapper may result in damage on the device and lead to additional costs.
● Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.
● Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.
● Working temperature: -30 °C to 60 °C
● Indoor and outdoor use. If installing the device indoors, the device should be at least 2 meters away from the light, and at least 3 meters away from the window or the door. If installing the device outdoors, you should apply Sililcone sealant among the cable wiring area to keep the raindrop from entering.
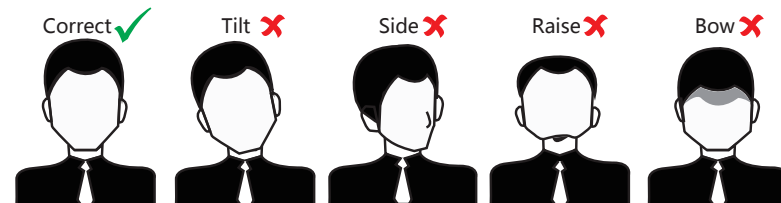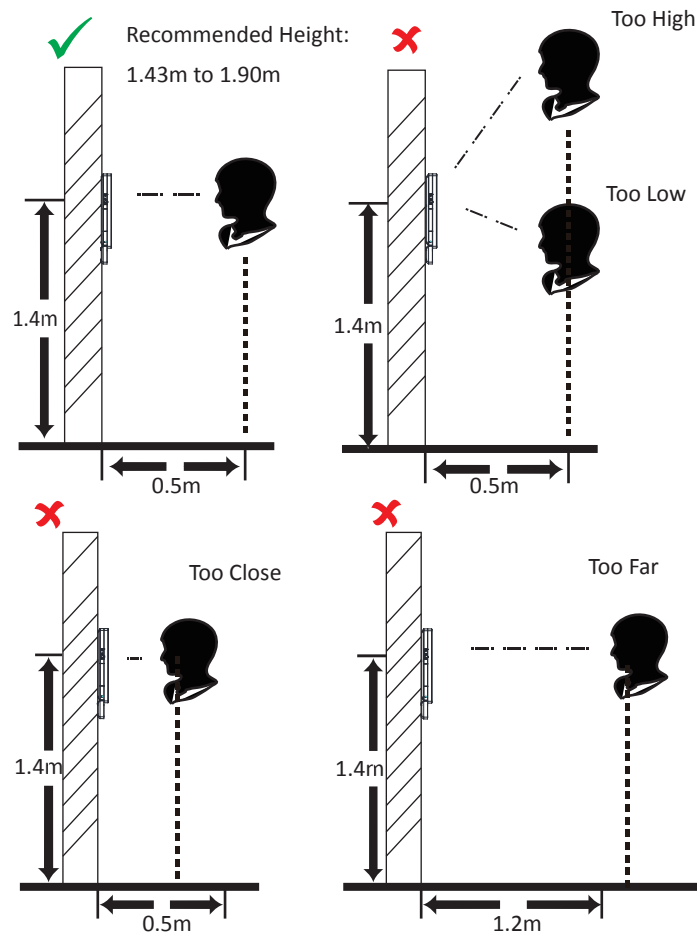● Protection level: IP65