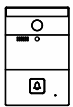
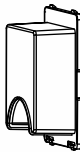





# DH-H80S Series Quick Guide

## 1 Preparation

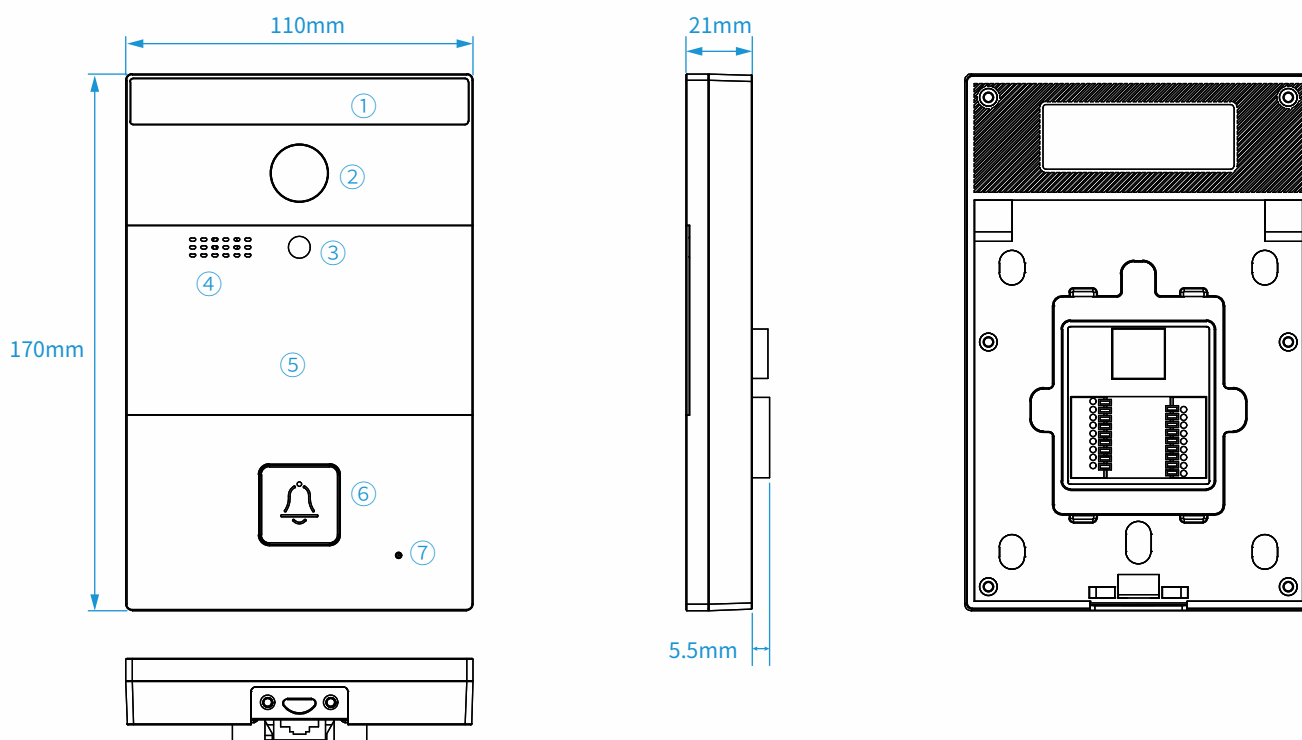
## PREPARATION

Before the installation of the device, please check you have the following items on hand.

DH-H80S  ×1	Waterproof cover  ×1	Screw M4×30  ×4	Screw M3×4FMO  ×2	Wall bracket  ×1
---	--	--	--	--

## 2 Product Overview

## PRODUCT OVERVIEW



- |                   |                   |               |       |
|-------------------|-------------------|---------------|-------|
| ① White light LED | ③ Infrared sensor | ⑤ Card Reader | ⑦ Mic |
| ② RGB camera      | ④ Loudspeaker     | ⑥ Call button |       |

# DH-H80S Series Quick Guide

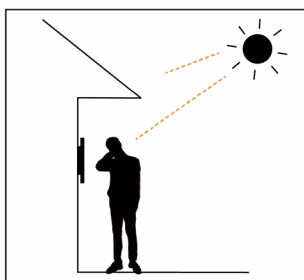
## 3 | Installation Environment

## INSTALLATION ENVIRONMENT

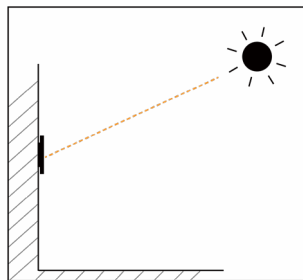
The device can be installed in both indoor and outdoor environment.

**Outdoor installation:** Avoid to exposing the device to direct sunlight, which will cause damage to device and components due to high temperature.

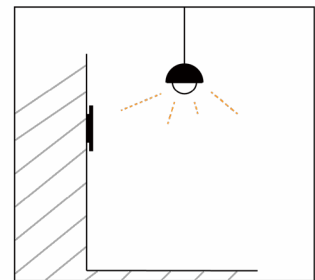
**Indoor installation:** The device should be installed on somewhere 2 meters (6 feet) away from light or 3 meters (9 feet) away from window/door.



✗ Backlight



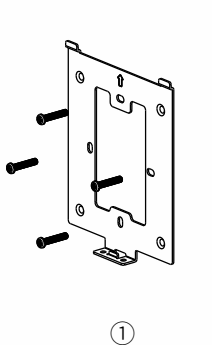
✗ Direct sunlight



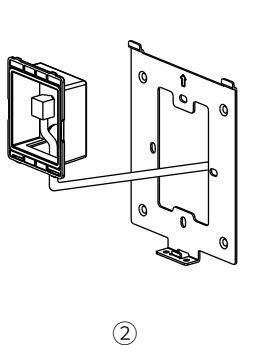
✗ Close to light

## 4 | Installation

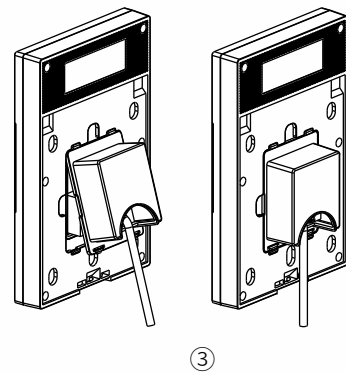
## INSTALLATION



①



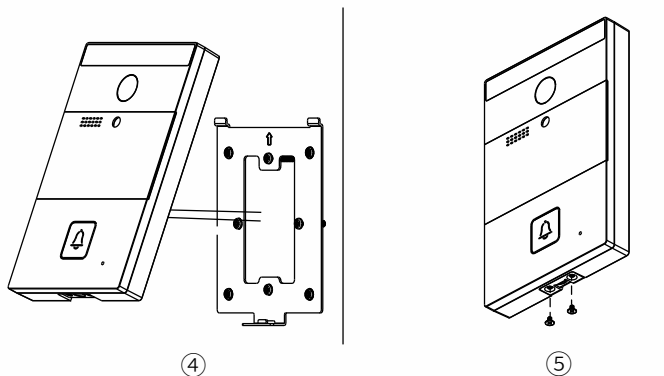
②



③

- ① Lock the wall bracket on the bottom box inside the wall with four M4×30 screws.
- ② Let all cables go through the wall bracket and then the waterproof cover, connect them to corresponding interfaces of device.
- ③ Attach the waterproof cover onto the device back panel by snap-fit.

# DH-H80S Series Quick Guide

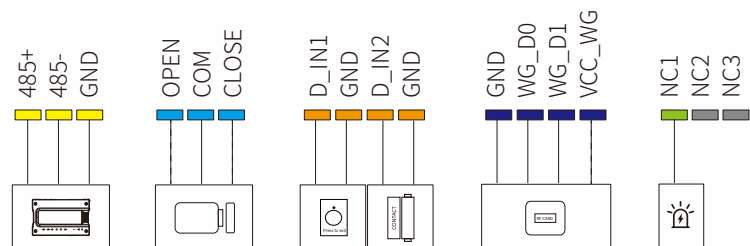
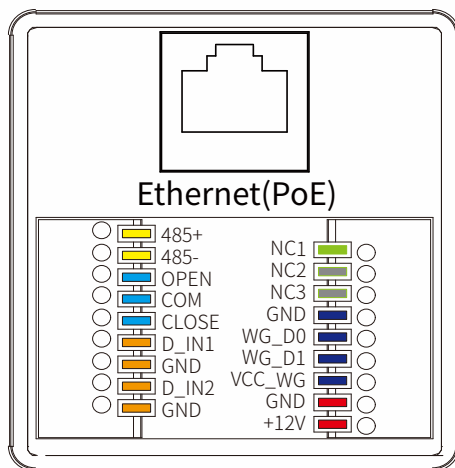


- ④ Attach the device with waterproof cover on the wall bracket.
- ⑤ Lock the device with wall bracket from the bottom by two M3×4FMO screws.

## 5 Interfaces

## INTERFACES

- Ethernet (PoE): Ethernet (PoE) connector which can provide both power and network connection.
- RS485+/RS458-/GND: Terminals for automation system control (e.g. Elevator control).
- OPEN/COM: Terminals for connecting to the cathode lock.
- CLOSE/COM: Terminals for connecting to anode lock or magnetic lock.
- D\_IN1/GND: Terminals for pressing indoor button to open relay.
- D\_IN2/GND: Terminals for Connecting to the door sensor.
- NC1: Default output high level, output low level when the indoor alarm is triggered.
- NC2/NC3: Reserved terminal, default output high level.
- WG\_D0/WG\_D1/GND: Terminals for wiegand access control.
- VCC\_WG: Terminal for wiegand device power supply.
- +12V/GND: External power supply terminal if PoE is not available.



# DH-H80S Series Quick Guide

## 6 | Specifications

## SPECIFICATIONS

- OS: Linux
- Ethernet: 10M/100M adaptive
- Input power: DC12V / 1A
- PoE: 802.3af PoE
- IP level: IP65
- Front panel: Aluminum
- Working Temperature: -30°C ~70°C
- Working Humidity: 10%~95%RH
- Equipment size: 170×110×21mm
- Installation size: Wall-mounting

## 7 | Configurations

## CONFIGURATIONS

### • Check IP Address

Press on the device call button and hold for 5 secs, the device will broadcast the IP address digits by voice.

### • Set SIP Account

Log into Web configuration portal of device, set up and register SIP accounts in **INTERCOM-ACCOUNT** page. (You can refer to device user manual for more details)

### • Set DTMF Code

Select DTMF mode and configure the code in **SYSTEM-RELAY** page of Web configuration portal. (You can refer to device user manual for more details)

## 8 | Functions

## FUNCTIONS

### • Auto answer

Incoming calls to H80S will be answered automatically by default.

### • DTMF Unlock

Press the configured DTMF code on keypad of device answering the call, the lock connected on H80S will be unlocked remotely.

### • Card/Keyfob Unlock

Attach the saved access card or keyfob on the card reader area of H80S to unlock the door.

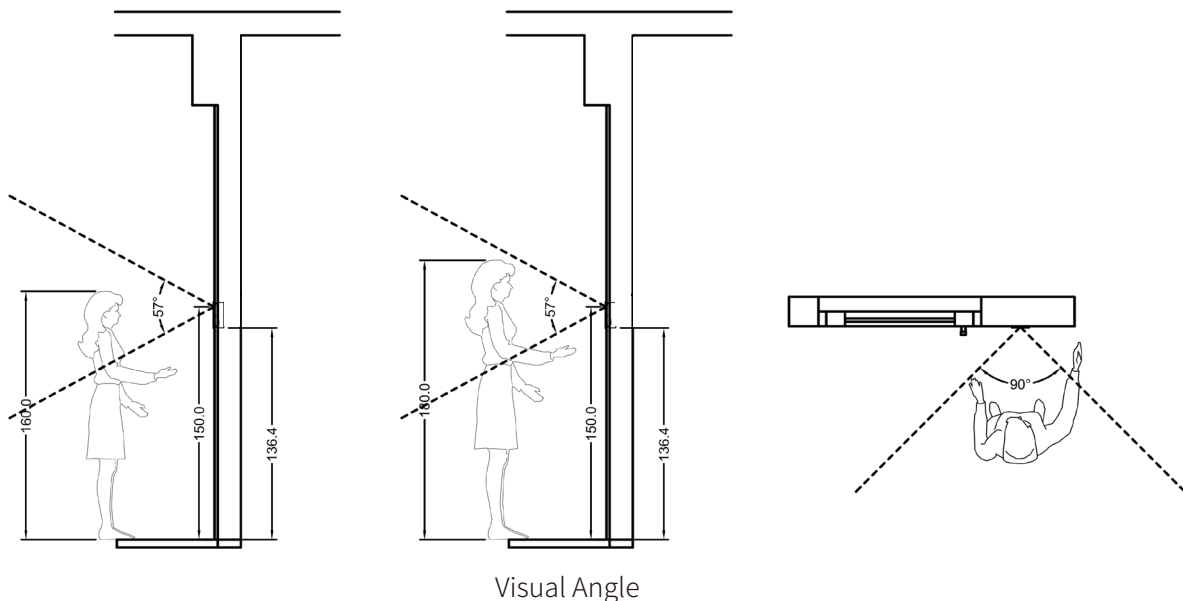
# DH-H80S Series Quick Guide

## 9 | Precautions

## PRECAUTIONS



- Violent vibration, collision and shock will cause damages to device.
- Intense direct sunlight will seriously affect the device performance and life span.
- Keep the access card/keyfob away from magnet and water. DO NOT fold or bend the card/keyfob.
- The height between camera and ground should be 1.5m (around 4ft 11in) to guarantee the ideal visual angle.



Visual Angle



### Notice Information

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