

User Manual

Mini Outdoor Station



H Series Digital System Mini Outdoor Station Manual_V1.0
H-VS07-IC

Attentions

- 1、 Please keep devices away from strong magnetic field , high temperature , wet environment ;



- 2、 Please do not fall the devices to the ground or make them get hard impact ;



- 3、 Please do not use wet cloth or volatile reagent to wipe the devices ;



- 4、 Please do not disassemble the devices.

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Chapter 1 Function Overview

The product is the mini outdoor station of the H Series Digital System VDP. By using standard CAT5 cables, it makes visual intercom call to indoor monitor and guard station possible. Besides, it supports IC access control.

1.1 Function

- Support IC card
- Support calling to indoor monitor and guard unit
- Adjustable unlock time
- Door status detection
- Support normal open/close unlock output
- Support online update.

1.2 Parameter

Working Parameter

Working Voltage: DC 24V/PoE 48V Static Current: $\leq 60\text{mA}$ 24V/45mA 48VPoE

Working Current: $\leq 130\text{mA}$ DC24V/60mA 48VPOE Working Temperature: $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$

Storage Temperature: $-40^{\circ}\text{C}\sim70^{\circ}\text{C}$ Dimension(W/H/D): 168×86×33.5mm

Camera

Type: CMOS

Pixel: 2 MP

View Angle: Diagonal 78°

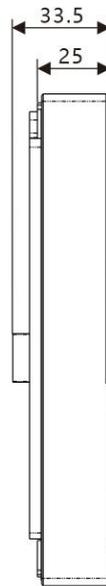
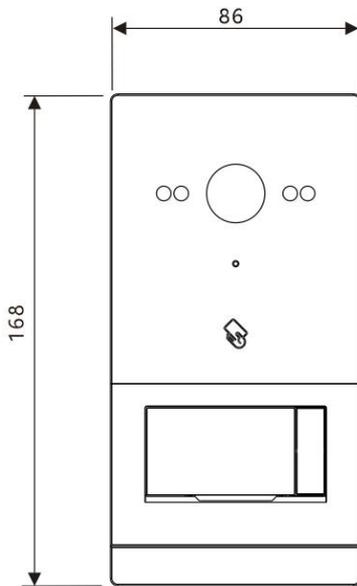
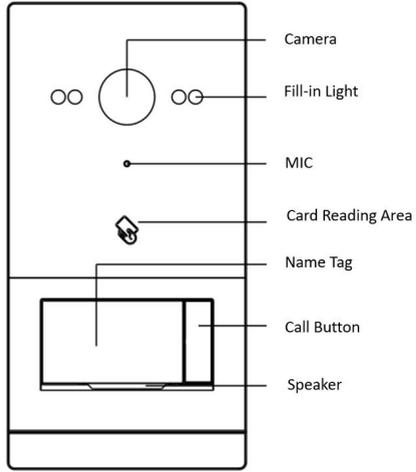
Relative Illumination: 48%

Focus Length: 2.2mm

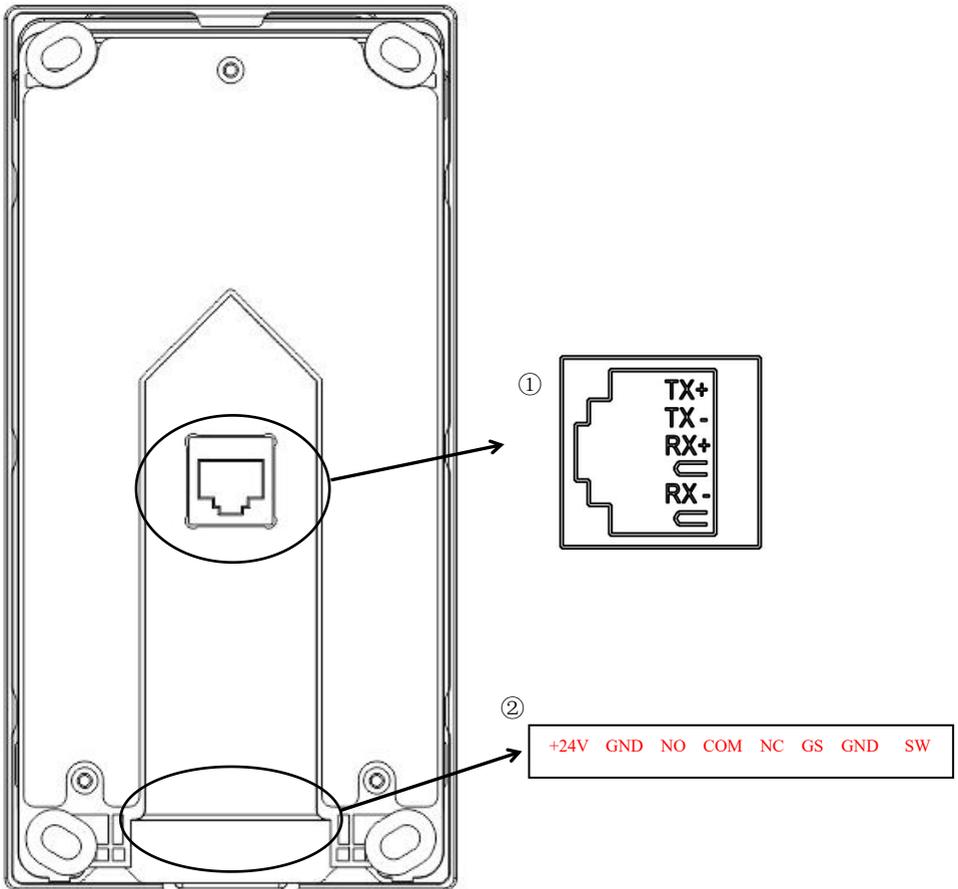
Fill-in Light Type: white

Chapter 2 Product Introduction

2.1 Product appearance



2.2 Interface description



Interface Description①

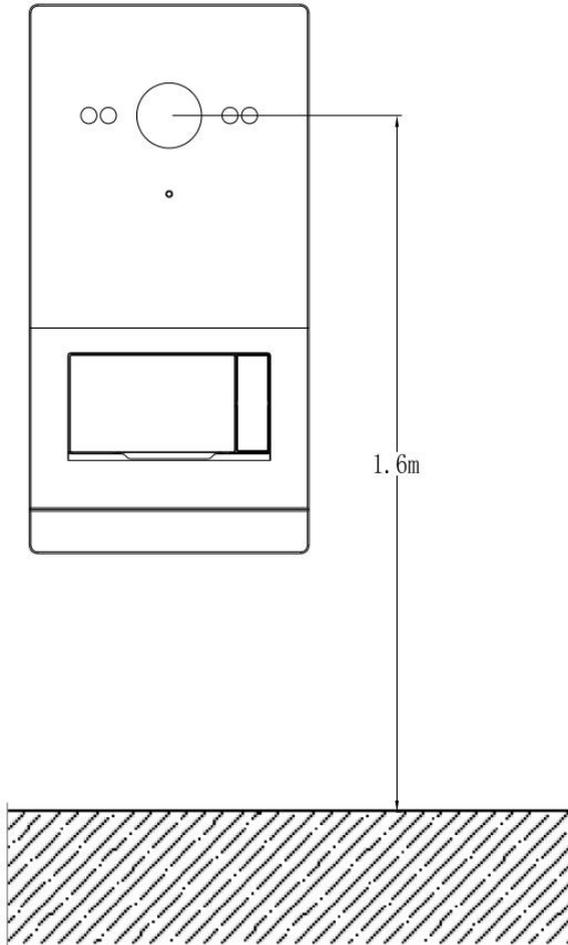
RJ45 interface: connecting standard 48V POE switch (1236 communication, 4578 power supply)

Interface Description②

+24V GND: independent power supply interface;
NO, COM, NC: normal open/close interface;
GS, GND: door status detection interface;
SW: door unlocking interface.

Chapter 3 Installation

3.1 Installation Height

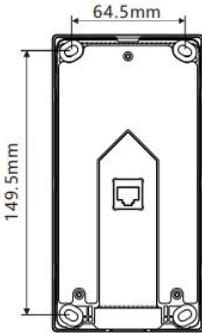


Suggested Installation Height: camera is 1.6m above the ground

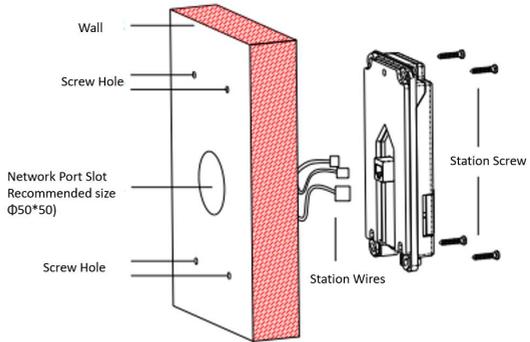
3.2 Installation Steps

Step 1: Drilling holes in the wall of installation size (149.5×64.5mm).

Fixing the screw plug on the wall (installation size recommended to refer the center of slot hole), fix the outdoor station on the wall, and fix it with self-tapping screws (as shown in Figure 2)



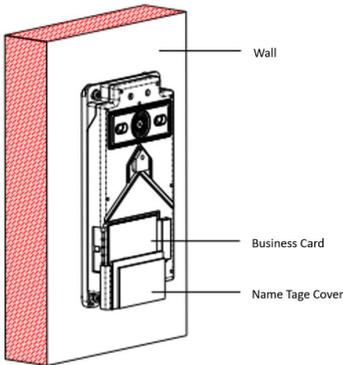
Picture 1



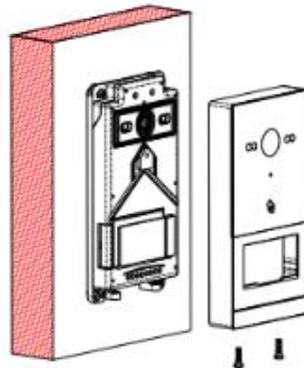
Picture 2

Step 2: Writing something on business card and fasten it to the name tag. Connecting wires according to the wiring diagram (as shown in Picture 3)

Step 3: Install the aluminum alloy panel on the outdoor station, using the screw to secure according to the position shown (as shown in Picture 4)



Picture 3



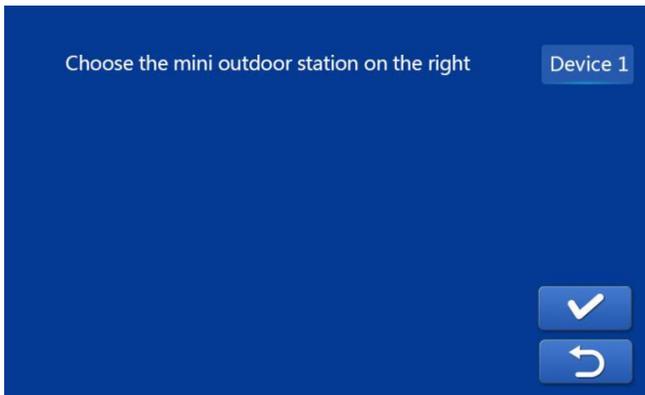
Picture 4

Chapter 4 Settings

4.1 Pairing of Mini Outdoor Station and Indoor Monitor

Within 3 minutes after powering the mini outdoor station, long press the keypad until 3 times short beeps, then short press the keypad with a long beep to enter setting.

Press  in indoor monitor \Rightarrow project setting (code: 801801), then choose mini outdoor station 1 or mini outdoor station 2 for setting, which brings to the mini outdoor station setting page. Follow the instruction and choose device on the right then press icon , afterwards the mini outdoor station and indoor monitor are paired successfully.



Configuration interface of mini outdoor station

Note: when connection done, the icon of mini outdoor station will be highlighted in indoor monitor relevant page.

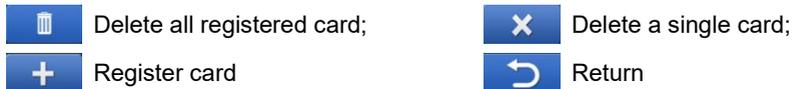
4.2 Card Management

Press  in indoor monitor \Rightarrow Mini Outdoor Station setting, input the password to access to setting, choose card management to entering card management interface.



Card Management Interface

Choose the mini outdoor station needs to be set, details of functions of icon below:



After choosing icon  , put the IC card to the card reading area of mini outdoor station. After a short beep, the card will be registered. Return to the indoor monitor page, you will see the registered card number.



Interface of card reading notice



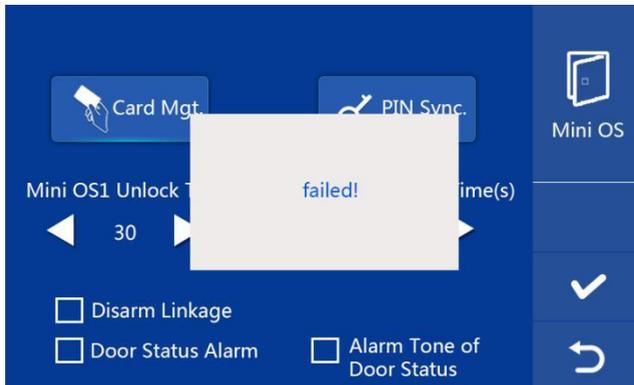
Interface of registered card (with card number)

4.3 Key Synchronization

In the case of multiple extension of indoor monitors in one apartment, if only one indoor monitor has been paired with the mini outdoor station, then that's the only indoor monitor which unlocks the door and owns the admin rights, in which case, only this indoor monitor shows a highlighted mini outdoor station icon in relevant page while other indoor monitors not.

If you need to copy this admin. rights and unlock permission to other indoor monitors in the same apartment, then key synchronization is needed

Operation: enter the mini outdoor station management page of the monitor with admin rights, choosing key synchronization. Process is shown as below:



Key sync succeeded

4.4 Unlock Time Setting

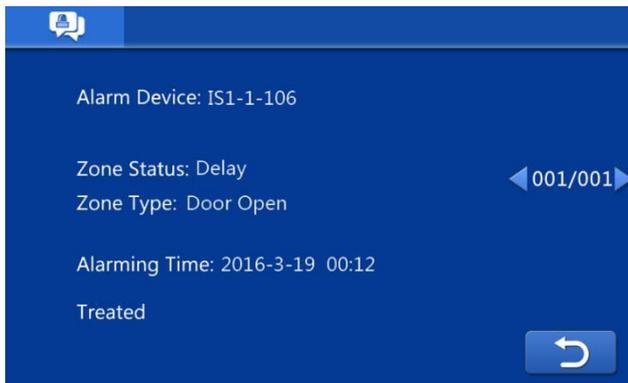
Enter interface of mini outdoor station management to set unlock time, range: 1~30 seconds.

4.5 Interaction with Disarming

Choose disarming interaction function of mini outdoor station. When indoor monitor is armed successfully, the indoor monitor will disarm automatically if the access card opened the door successfully.

4.6 Door Status Alarm

When the door is detected opened over 120 seconds by mini outdoor station, the guard station/unit will receive an alarm alert with information of the apartment. Interface on guard station page is shown as below:



Alarm interface of door opened too long

4.7 Door Status Warning Tone

When door status warning tone is chosen, Check the door status alarm tone. If the time of opening the door is longer than 120 seconds, the alarm will sound automatically. Prompt the occupant to close the door.

When door status warning tone is not chosen. If the single-outdoor station detects the door opening for more than 120 seconds, the alarm tone will not automatically sound, but the alarm information will be uploaded.

Chapter 5 User Instruction

5.1 Calling Resident

By short press the call button of outdoor station, visitor starts to call the indoor monitor, whose ringtone will echo back. If the button is short pressed again during the call, then the waiting time will be recounted (each call waits for 30 seconds); if the call button is long pressed during the call, the call will be diverted to the guard unit/management center; if there's no answer in 30 seconds, the call will be ended.

5.2 Call Guard Unit

By long press the call button of outdoor station for over 2 seconds, visitor starts to call the guard unit/management center, whose ringtone will echo back.

If the button is long pressed again during the call, then the call will be switched to the apartment indoor monitor, then the waiting time will be recounted (each call waits for 30 seconds); if there's no answer in 30 seconds, the call will be ended.

5.3 Unlock

1. Access IC card unlock

Swipe the IC card registered to the card reading area in mini outdoor station to open the door.

2. Indoor monitor unlock

Door can be opened by indoor monitor when it's communicating with outdoor station or under surveillance mode.

3. External push button unlock

As there're interface for integration of external push buttons, when this is connected, a normal push button can be used to unlock the door.

