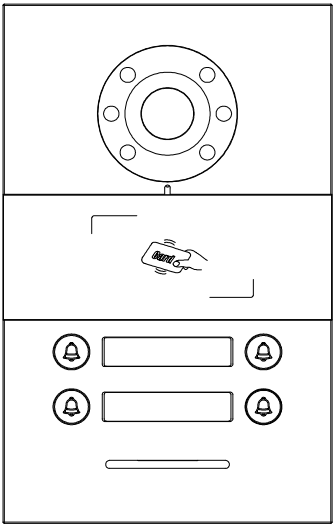
User Manual

Mini Outdoor Station



H Series VDP Mini Outdoor Station Manual_V1.1
H-OS04-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.

Content

Chapter 1 Overview 1
1.1 Function 1
1.2 Parameter 1
Chapter 2 Product Introduction 2
2.1 Product Appearance 2
2.2 Product Dimension 3
2.3 Interface Introduction 3
Chapter 3 Installation 4
3.1 Installation Height 4
3.2 Installation Steps 5
Chapter 4 Function Description 6
4.1 Factory Reset 6
4.2 Card Registration Setting 6
4.3 Call 8
4.4 Call Management Center/Guard Unit 8
4.5 Door Status Alarm 8
4.6 Anti-dismantle Alarm 8
4.7 Unlock Time Setting 8
4.8 Unlock 9

Chapter 1 Overview

This product is the mini outdoor station (button type) of the H series IP Video Door Phone system, the cable used to connect is standard CAT 5, which enables video communication to indoor monitor/guard unit, it also supports IC card.

1.1 Function

- **Support IC card**
- **Support calling to indoor monitor and guard unit**
- **Door status detection, unlock timeout detection, anti-dismantle alarm**
- **Support normal open/close unlock output**
- **Support online update**

1.2 Parameter

Working Parameter

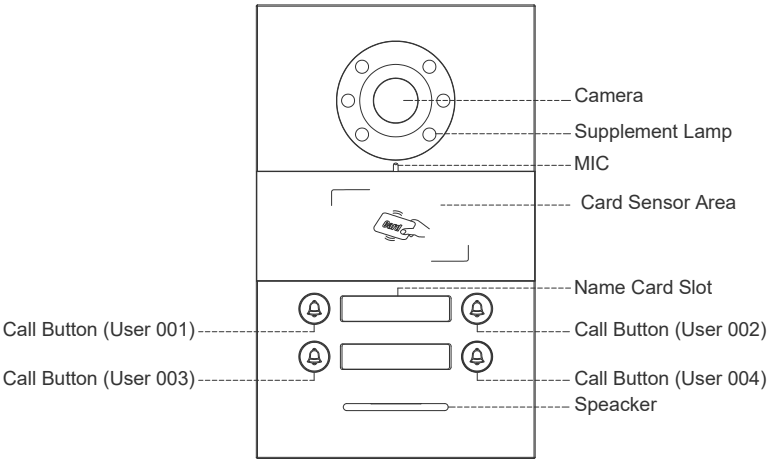
Working Voltage：DC 24V	Static Current：≤ 80mA
Working Temperature：-20℃~55℃	Working Current：≤ 140mA
Storage Temperature Range：-40℃~70℃	Dimension (W/H/D)：120×194×38.7mm

Camera

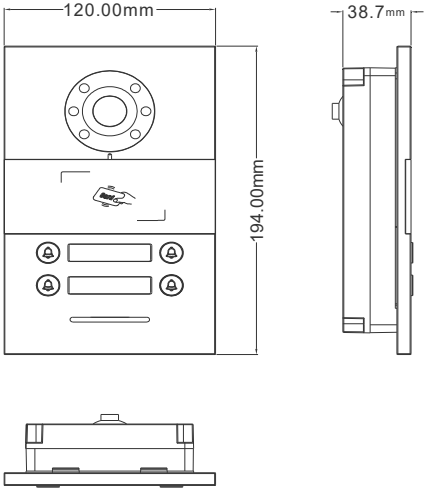
Type：CMOS	Pixel：0.3 Mega
View Angle：opposite angle 95°	Min. Illumination：0 lux
Focus Length：2.2mm	Fill Light Type：white
Adjustable Angle：up/down/left/right 12°	

Chapter 2 Product Introduction

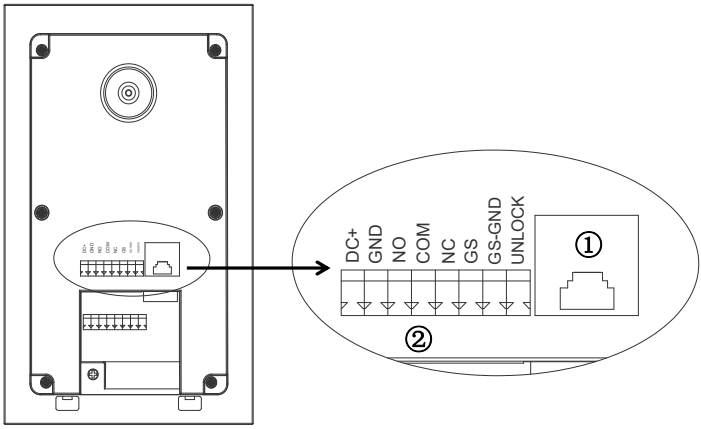
2.1 Product Appearance



2.2 Product Dimension



2.3 Interface Introduction



Interface ①: RJ45: connect to 24V non-standard PoE switch

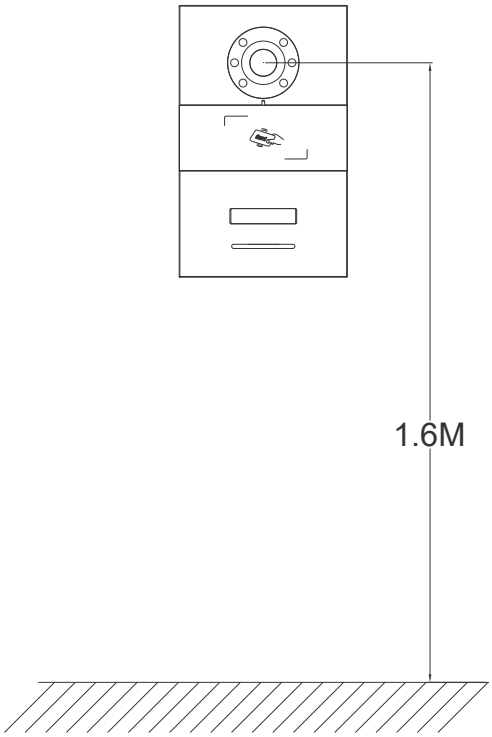
Interface ②: NO, COM, NC: normal open/close interface

GS, GS-GND: door status detection interface

GND, DC+: independent power supply interface

Chapter 3 Installation

3.1 Installation Height

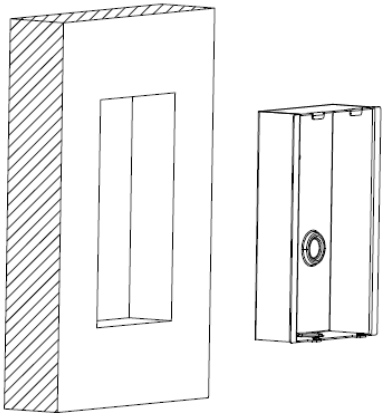


Suggested Installation Height: Camera is 1.6 meter above the ground.

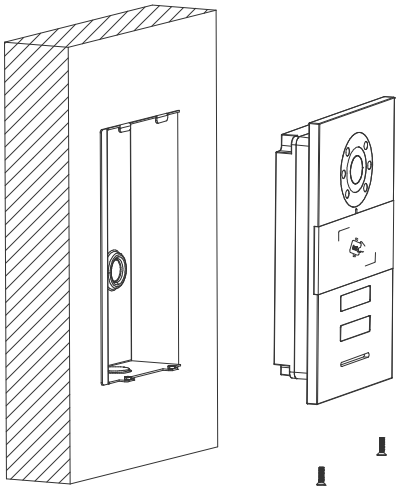
3.2 Installation Steps

Step 1: install the backbox in the wall.

Size of backbox (W/H/D)100.6×175.5×38.7mm



Step 2: put the outdoor unit into the backbox and fasten with screws.



Chapter 4 Function Description

4.1 Factory Reset

Cut off the power of mini outdoor station and reconnect with power, long press any key in the machine for THREE seconds within 180 seconds to enable factory reset, when it's successful, the machine will beep (short di-di-di-sound). Then short press any key, when it's successful, the machine will beep in a long di-sound.

4.2 Card Registration Setting

Steps to register entrance card:

1. Register Admin Card

After factory reset of outdoor station, any card swiped within 60 seconds will be the administrator card, after the registration, there'll be a beep sound coming out.

2. Card Registration Mode

In stand-by mode, swipe admin card once to enable the Card Registration Mode (with a long beep sound), after that swipe admin card within 15 seconds to enter continuous card registration mode, during registration the outdoor station will beep shortly. If no card is registered in 15 seconds, the registration mode will end with a continuous beep sound.

1) Continuous Card Registration

When it's in Card Registration Mode, swipe admin card ONCE to enter Continuous Card Registration Mode, register card within every 15 seconds continuously.

① If the registration succeeded, the machine will beep ONCE and count down for another 15 seconds for another card registration.

② If the registration failed, the machine will beep CONTINUOUSLY to warn the failure and count down for another registration.

③ If there's no registration for 15 seconds, the machine will beep ONCE and return to stand-by. When finished registration, swipe admin card again the system will stand by.

2) Continuous Card Delete

When it's in Card Registration Mode, swipe admin card TWICE to enter Continuous Card Delete

Mode (the machine will beep twice), delete card within every 15 seconds continuously.

① If the delete succeeded, the machine will beep ONCE and count down for another 15 seconds for deleting.

② If the delete failed, the machine will beep CONTINUOUSLY to warn the failure and

count down for another delete.

③ If there's no delete for 15 seconds, the machine will beep ONCE and return to stand-by. When finished delete, swipe admin card again the system will stand by.

3) Continuous Admin Card Registration

When it's in Card Registration Mode, swipe admin card THRICE to enter Continuous Admin

Card Registration Mode (the machine will beep thrice), register admin card within every 15

seconds continuously.

① If the registration succeeded, the machine will beep ONCE and count down for another 15 seconds for registration.

② If the registration failed, the machine will beep CONTINUOUSLY to warn the failure and count down for another registration.

③ If there's no registration for 15 seconds, the machine will beep ONCE and return to stand-by. When finished registration, swipe admin card again the system will stand by.

4) Continuous Admin Card Delete

When it's in Card Registration Mode, swipe admin card FOUR TIMES to enter Continuous

Admin Card Delete Mode (the machine will beep four times), delete admin card within every 15

seconds continuously.

① If the delete succeeded, the machine will beep ONCE and count down for another 15 seconds for delete.

② If the delete failed, the machine will beep CONTINUOUSLY to warn the failure and count down for another delete.

③ If there's no delete for 15 seconds, the machine will beep ONCE and return to stand-by. When finished delete, swipe admin card again the system will stand by.

5) Delete All User Cards

When it's in Card Registration Mode, swipe admin card FIVE TIMES to enter Delete All User

Cards Mode (the machine will beep 10 times), swipe admin card to delete all user cards within15 seconds.

① If the delete succeeded, the machine will beep ONCE and return to stand-by.

② If the delete failed (wrong admin card used), the machine will beep CONTINUOUSLY to and return to stand-by.

③ If there's no delete for 15 seconds, the machine'll beep ONCE and return to stand-by.

NOTE: Admin Card + User Card ≤ 200pcs

4.3 Call

By short press the button (0-3s), visitor starts to call indoor monitor, mini outdoor station will echo back the ring of indoor monitor and end in 30s if there's no answer. During the calling:

if the button is shortly pressed again, the calling will be prolonged for another 30s;

if the button is long pressed (over 3s), the call will be diverted to Guard Unit.

Call Switch-over: if other button is pressed, then the new call starts with the previous ends.

4.4 Call Management Center/Guard Unit

By long press the button for 3s, visitor starts to call guar unit, with echo back. Call will be ended if now answered in 30s. During the call, if the button is long pressed, the waiting period will again be reset to 30s; if short pressed, call will be switched to user indoor monitor.

4.5 Door Status Alarm

The door status alarm function is realized by the door status detection function of the outdoor station, if the detection shows that the door has been open over 120 seconds, the guard unit will receive alarm to remind the management that the door has been open for too long.

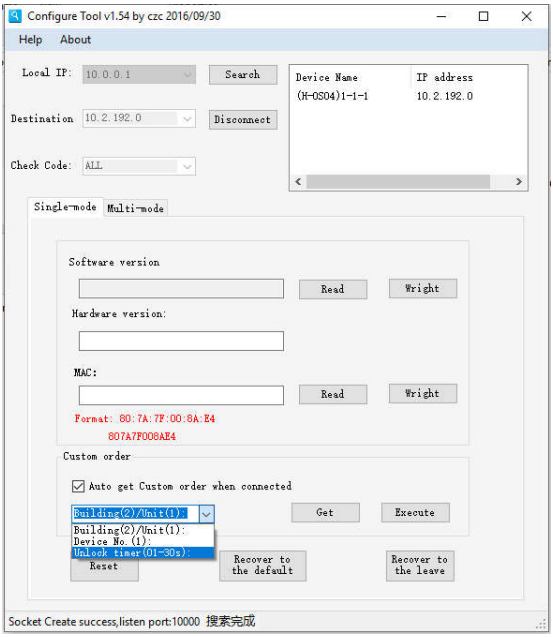
In default setting the door status alarm is closed, when the door is closed for over 30 seconds, the door status detection will be activated.

4.6 Anti-dismantle Alarm

Anti-dismantle Alarm will be activated when the mini outdoor station is under dismantling, the alarm will also be sent to guard unit that mini outdoor station is under dismantling.

4.7 Unlock Time Setting

The unlocking time ranges from 1 to 30 seconds. The default unlocking time is 10 seconds.



You can select Unlock Timer to modify the configuration, and tap Execute.

4.8 Unlock

1) Entrance Card Unlock

Swipe the registered card on the mini outdoor station to open the door.

2) Indoor Monitor Unlock

When a call is received, the user can unlock the door from the indoor monitor.

3) Switch Unlock

The monitor has built-in interfaces for connection with normal door unlock switch, when it's connected, the door con be opened by pushing the switch (normally installed in the apartment).