

# User Manual

## Slim Mini Outdoor Station



**H Series Digital System Slim Mini Outdoor Station  
Manual\_V1.0**

**Model Number: H-VS05**

# 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 Product Overview

The product is the slim mini outdoor station of the H Series Digital System VDP. By using standard CAT5 cables, it makes audio intercom call to indoor monitor and guard station possible.

## 1.1 Function

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

## 1.2 Parameter

### Working Parameter

Working Voltage: DC 24V

Working Current:  $\leq 130\text{mA}$

Storage Temperature:  $-40^{\circ}\text{C}\sim+70^{\circ}\text{C}$

Static Current:  $\leq 60\text{mA}$

Working Temperature:  $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$

Dimension(H/W/D):  $128.7\times 53\times 40\text{mm}$

### Camera

Type: CMOS

View Angle: Diagonal  $95^{\circ}$

Focus Length: 2.2mm

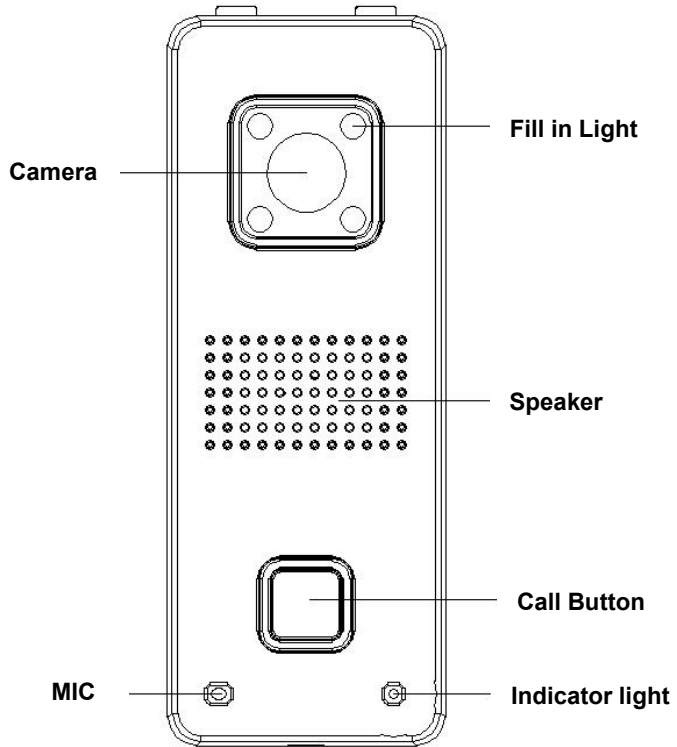
Pixel: 0.3 Mega Pixel

Min. Illumination: 0 lux

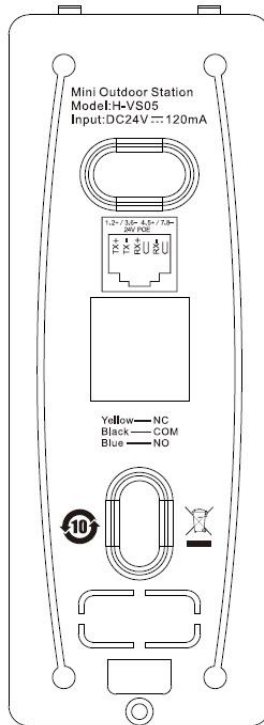
Fill-in Light Type: white

# Chapter 2 Product Introduction

## 2.1 Product appearance



## 2.2 Interface description



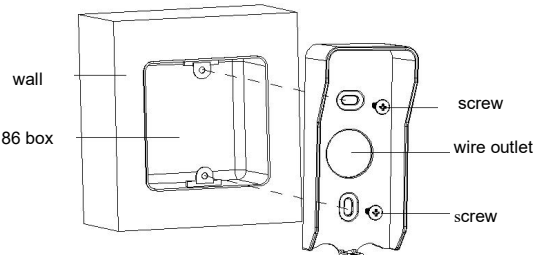
### H-VS05 Interface Description

RJ45: cable interface, connecting non-standard 24V POE switch

NO(blue wire), COM(black wire), NC(yellow wire): normal open/close interface;

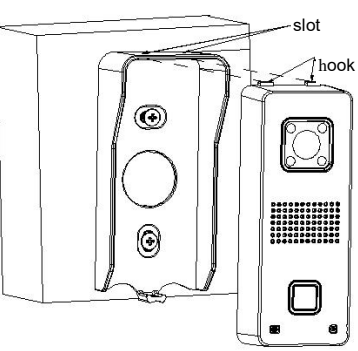
# Chapter 3 Installation

## 3.1 Installation Steps



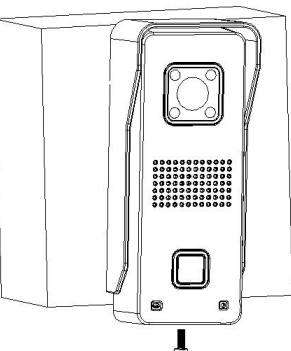
The diagram shows a rectangular 86 box on the left and a vertical wall bracket on the right. The wall bracket has two screws at the top and a wire outlet in the middle. Labels include 'wall' pointing to the top edge of the 86 box, '86 box' pointing to the box itself, 'screw' pointing to the top screws on the bracket, and 'wire outlet' pointing to the central circular opening.

Step 1: Align the screw holes of the wall bracket (rain cover) with the holes on the wall of the 86 box, and tighten the screws to secure the wall bracket (rain cover).



The diagram shows the wall bracket on the left and an outdoor station on the right. The outdoor station has a hook at the top. Labels include 'slot' pointing to a notch on the top edge of the wall bracket and 'hook' pointing to the top of the outdoor station.

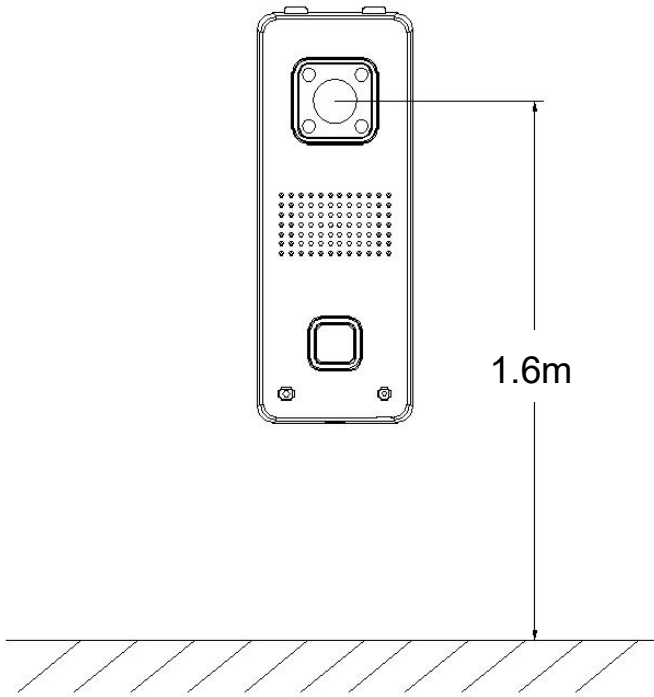
Step 2: After wiring the outdoor station, align the hook on the outdoor station with the slot of the wall bracket, then push it up and push it to the top.



The diagram shows the wall bracket and outdoor station fully assembled and mounted on the 86 box. The outdoor station is now flush with the front of the wall bracket. A small Allen key is shown at the bottom, pointing to the bottom screws of the wall bracket.

Step 3: Fasten the screws on the bottom with an Allen key

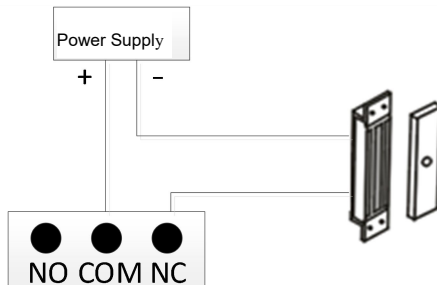
### 3.2 Installation Height



**Suggested Installation Height: camera is 1.6m above the ground**

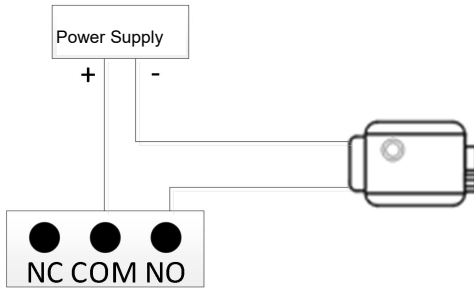
### 3.3 Wiring Instructions

- **Unlock signal wiring**





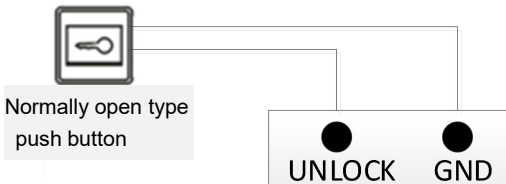
- Normally closed lock wiring(Magnetic lock )



- Normally open lock wiring((Electronic lock)

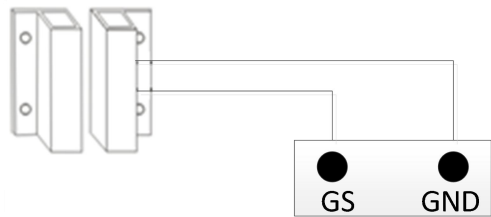
Note: If the lock powered by the outdoor station, the outdoor station should be powered by the independent power supply, and the current input should be less than 800mA, otherwise it will cause the damage.

- Push Button unlock wiring



Note: The wiring is Non-polarity

- Door status alarm wiring



Normally closed lock

**Note:**



There is 1 way to turn off the door status alarm

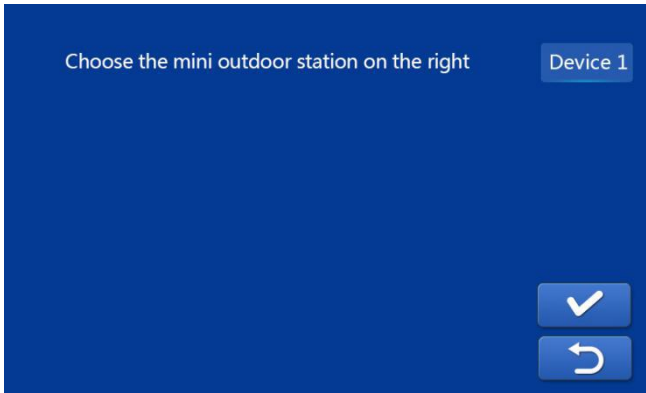
1. Connecting the port of GS on the outdoor station to the ground

# 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  $\implies$  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*

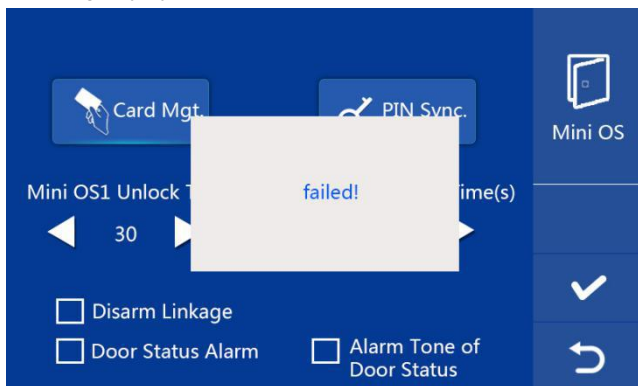
**Note: when connection done, the icon of mini outdoor station will be highlighted in indoor monitor relevant page.**

## 4.2 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:



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*Key sync succeeded*

## 4.3 Unlock Time Setting

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

# Chapter 5 User Instruction

## 5.1 Calling Resident

By short press the keypad of outdoor station, visitor starts to call the indoor monitor, whose ringtone will echo back. If the keypad is short pressed again during the call, then the waiting time will be recounted (each call waits for 30 seconds); if the keypad 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 keypad of outdoor station for over 2 seconds, visitor starts to call the indoor guard unit/management center, whose ringtone will echo back. If the keypad is long pressed again during the call, then the waiting time will be recounted (each call waits for 30 seconds); If the keypad is short pressed during the call, then the call will be switched to the apartment indoor monitor; if there's no answer in 30 seconds, the call will be ended.

## 5.3 Unlock

### 1. Indoor monitor unlock

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

### 2. External push button unlock

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

