

# **Door Station User's Manual**

-----VTO60xxA Series

## **Welcome**

Thank you for purchasing our device!

This manual is designed to be a reference tool for your system.

Please keep this manual well for future reference.

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# 1 Overview

Connect the device to the power, the system booted up properly. It goes to the standby interface. See Figure 1-1.



Figure 1-1

Please refer to the following sheet for detailed information.

SN	Name	Function
1	Logo	Dahua LOGO or decoration logo.
2	Photosensitive Component	It can detect the environment light. It is a compensation light option.
3	Compensation Light	It can compensate the camera light in the low illumination environments.
4	Button	Call button. Click it to generate a call to the indoor station. It has the blue backlight.

5	Speaker	Audio output
6	Camera	It is to monitor the video of the door.
7	Microphone	Audio input

## 2 Basic Functions

### 2.1 Call Residents

#### 2.1.1 Call Status

In the standby status, press the call button. You can generate a call to the resident indoor station. The indoor station bell rings.

#### 2.1.2 Communication status

After you generated a call to the indoor station, if there is response, you can go to the communication status. It can realize the dual-way video phone. It returns to the standby interface after the dialogue ended.

### 2.2 Monitor Function

The indoor station can enable the monitor function of this device. You can open the camera and monitor the device video.

### 2.3 Unlock Function

#### 2.3.1 Unlock During the Dial Process

During the dial process, the indoor station can open the e-lock of the device remotely. There is a 15-second for you to confirm the unlock operation. During these 15 seconds, the video is properly displayed. After the 15 seconds countdown, system auto hangs up and returns to the standby interface.

#### 2.3.2 Unlock During the Communication

During the communication process, the indoor station can open the e-lock of the device remotely. There is a 15-second for you to confirm the unlock operation. During these 15

seconds, the communication is OK and the video is properly displayed. After the 15 seconds countdown, the phone automatically hangs up.

### **2.3.3 Unlock During the Monitor Status**

During the monitor status, the indoor station can open the e-lock of the device remotely. There is a 15-second for you to confirm the unlock operation. During these 15 seconds, the video is properly displayed. After the 15 seconds, the video automatically disappears.

### **2.3.4 Unlock via ID card (Optional)**

The door is open after you passed the authentication ID card and passed the station verification.

## **2.4 Environment Light Compensation Function**

This device has the light compensation function when it is in the low illumination environments or it is at night. It includes the button backlight and the camera compensation light.

## **2.5 External Alarm Function**

The device has 1-channel alarm input. They can be used for the door status and other alarm detect.

It has 1-channel alarm output. There are two modes: NO/NC.

### 3 Specifications

Model	DH-VTO60xxA
<b>OS</b>	
Main Processor	Embedded micro processor
OS	Embedded LINUX OS
<b>Video</b>	
Video Compression Standard	H.264
Input/Approaching induction	1/3-inch color CCD camera, 540 TVL, 0.1lux/F1.2
Night Vision	Support
<b>Audio</b>	
Input	Microphone
Output	Built-in speaker
Bidirectional Talk	Support dual-way bidirectional talk
<b>Operation Mode</b>	
Input	One button input(With backlight)
Card	Built-in ID card induction reader(Optional)
<b>Alarm</b>	
Input	1-channel
Output	1-channel
Vandal proof	Support(Optional)
Locker Status Detect	Support (Optional)
<b>Network</b>	
Ethernet	10M/100Mbps Self-adaptive
Network Protocol	TCP/IP
<b>Storage</b>	
Memory	128MB
<b>Others</b>	
Power	DC 10~15V
Power Consumption	Standby≤1W ; work≤10W
Working Environments	-10℃~+55℃
	<10~90%RH
Dimensions	230mm*151mm*60mm (L*W*H)

Weight	0.96kg
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## 4 Device Port

The device rear panel is shown as in Figure 4-1.

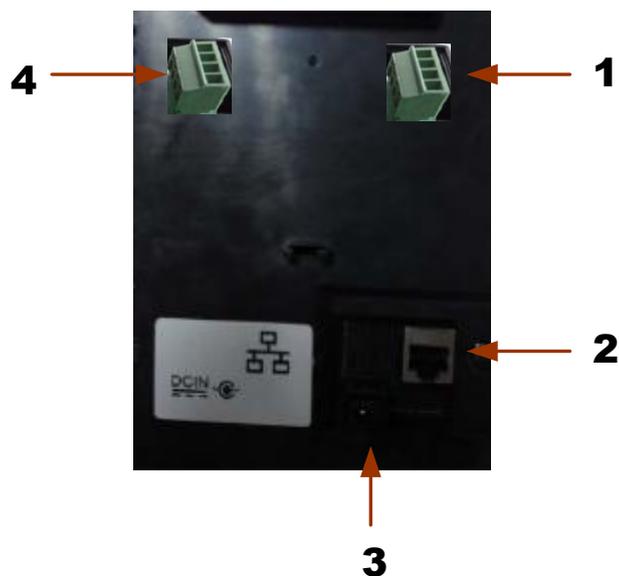
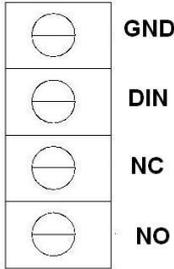
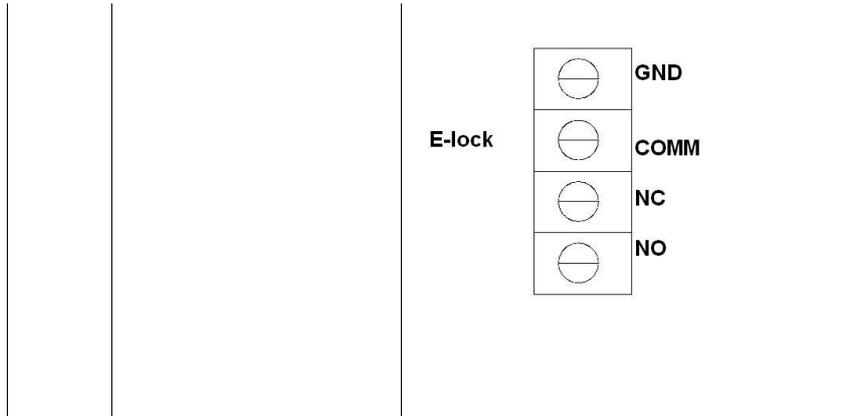


Figure 4-1

Please refer to the following sheet for detailed information.

SN	Port Name	Function
1	Alarm port	Connect to alarm signal. 
2	Network Port	Connect to the RJ45 port.
3	Power Port	Connect to 12V DC.
4	E-lock control port	Connect to cable



## 5 FAQ

- Q: I can not boot up the device, or I can not see the light or hear the audio.  
A: Please check your power cable connection and socket connection.
- Q: I can not call.  
A: Please check your network connection. Please make sure your station and extension cable connection is OK.
- Q: The prompt says the dial number does not exist. What shall I do?  
A: Please check the dial number is OK or not.
- Q: The system says the card is invalid. What shall I do?  
A: The card status is abnormal. Please contact your administrator to check.
- Q: The system says the card number is wrong. What shall I do?  
A: It means current card does not authenticate. Please contact your administrator to check.
- Q: I have some problems, I am not so sure or I can not fix.  
A: Please contact your local retailer for help.

### Customer Service

Customer service phone: 400-6728-166

Commerce Email: [zwan@dahuazwan.com](mailto:zwan@dahuazwan.com)

### Contact Information

Address: No.1199 Bin'an Road, Binjiang Ditrcit, Hangzhou, PRC.

Phone\_0571-28179968

Fax: 0571-28179679

Postcode: 310053.

**Note:**

- **This manual is for reference only. Slight difference may be found in user interface.**
- **All the designs and software here are subject to change without prior written notice.**
- **If there is any uncertainty or controversy, please refer to the final explanation of us.**
- **Please visit our website or contact your local service engineer for more information.**