

# WRT<sup>®</sup>

## Front Door Camera

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Model: DZH-801C

Type: B/B, Q

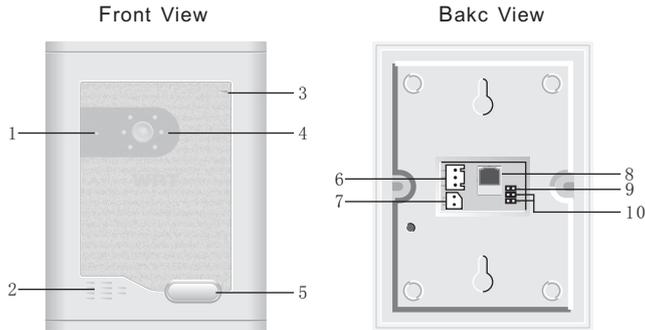
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Ver: H1

## 1. Brief Introduction:

- 1.IP front door camera for WRT-IP building intercom system.
- 2.Able to call and talk to the household.
- 3.Color CCD camera equipped.
- 4.Able to connect max 8 front door cameras.
- 5.Call forwarding.
- 6.Magnetic Contacts.
- 7.Embedded installed.

## 2. Equipment Description:



- 1.Microphone
- 2.Speaker
- 3.LED indicator
- 4.Camera (infrared compensation)
- 5.Call button
- 6.Socket for +DC18V voltage input unlock signal
- 7.To Magnetic Contacts
- 8.LAN socket
- 9.Pinhole for initialization
- 10.Pinhole for the option of magnetic contacts

## 3. Caution:

1. Do not install the stations in any of the location with waterdrop, high temperature and dust.
- 2.Be sure to cut off the power during installation.
- 3.We suggest the installation height to be 145 cm above floor.
- 4.Be sure the wall is flat when installation to avoid dust and humid.
- 5.Using wiring tube to avoid signal interference. Leave the terminals outside the tube for maintenance.
6. If the system is found of any malfunction, please cut off the power and inspect according to the Troubleshooting. If it is unable to find the cause, please contact the sales agent or the manufacturer's after-sales service department. Do not repair or replace the parts by yourself, otherwise the system may be damaged.

#### 4. Installation:

Before installing the outdoor camera, please set the parameters for .  
The IP address of each outdoor cameras should be different.

##### 1、Embedded installed:

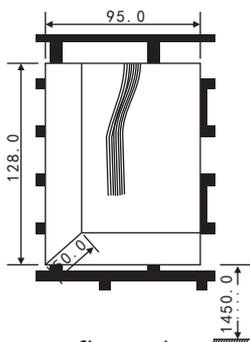


figure1

1. Drill a hole in the wall according to the dimension of the bottom case (95\*128\*50mm)

The suggest high is 1450mm(figure 1)

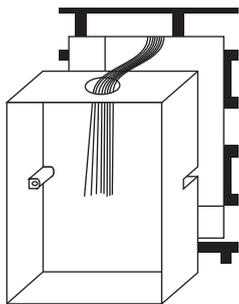


figure2

2. Drill a wire hole in the bottom case, and pass the wire through it (figure 2).

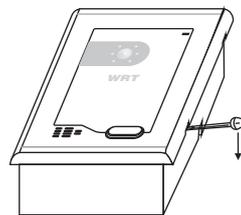


figure3

3. Prize up the cover with flat tool. (figure3)

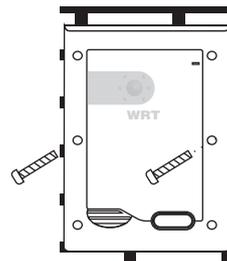


figure4

- 4.Pre-buried with cement.
- 5.Connect the transmission cable, press the station into the bottom case. And it with four screws, ( figure 4).

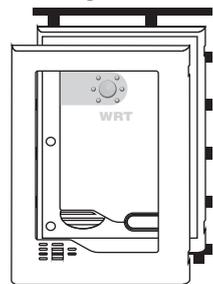


figure5

- 6.Fix the cover into the station.

1. Wall-mounted installed:

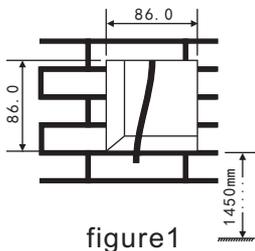


figure1

1. Drill a hole in the wall according to the dimension of the bottom case. (86\*86\*40mm)  
The suggest high is 1450mm

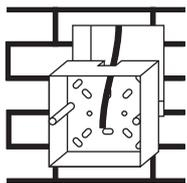


figure2

2. Pass the wires through the hole on the 86box, and put the 86box into the hole in the wall, the pre-buried with cement.(figure2)



figure3

3. Prize up the cover with flat tool. (figure3)

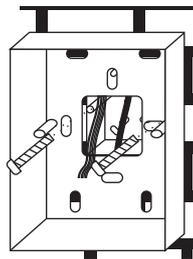


figure4

4. Fix the bottom case in the 86box with 2 screws (figure4)

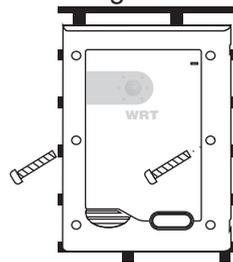


figure5

5. Connect the transmission cable, press the station into the bottom case. Fix it with 2 screws (figure5)

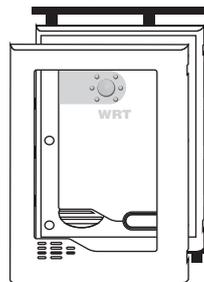


figure6

6. Fix the cover into the station.

## 5. Operation

5.1 The front door camera is ready for using after the settings in IP guard center.

### a. Settings:

Change the IP of the computer to 192.168.100, input "http://192.168.100.39:8080" into IE address blank.(The default IP address of the device is :192.168.100.39),the screen will show as following:



User ID is "admin" and the password is "123456".

Network	Status	Tools	Parameters	Others
Local ID:			010010100100132	
Local IP:			192.168.1.42	
Sub Gateway:			255.255.255.0	
Gateway IP:			192.168.1.254	
Center IP:			192.168.1.98	
Sub Center IP:			0.0.0.0	
Guard Station IP:			192.168.1.198	
Sub Guard Station IP:			0.0.0.0	
Alarm Center IP:			102.168.1.198	
Related Room No. :			010010100100101	
				<input type="button" value="Save"/>

Now set the parameters, please fill in the ID , Related Room Number and network parameter based on actual situation. Then click "Save".

Click "System Parameter", you can set the other functions like "Wipe to disarm", etc. Save it after saving.

Click "System tools", you can restart the device remotely, initialize the settings and formatting, etc.

Click "others", you can set the delay time for Magentic.

After all these, please restart the outdoor camera. Input the new IP address to enter the setting page.

### Remarks:

"Related Room Number" means the room the camera calls. The number of the room should be 15 digits. When visitor press the call button, the related monitor will ring.

After initializing, the default related room number is: 010010100100101, the default ID is: 010010100100132.

### b. Guard center

1. Relate the cameras to the related monitors through the software. The last two digits of the ID should start from 32, then 33, 34, etc. Then download the address to the outdoor cameras.

2. When visitor presses the calling button, if someone answers the phone, the talking time is 120 seconds. When the monitor set non-disturb function, the camera will "Beep" twice then three times. If no one answers the call in 25 seconds, it will go back to the standby status (when household set the calling time to 25s.) If no answer over 30s, then visitor can leave a message by following the instruction.

3. If the indoor monitor start the voicemail message function, the visitor can leave a voicemail message when the resident is not at home.

4. The indoor monitor can unlock when talking, after 5 seconds, the talking will be hanged up automatically.

5.The management software can monitor the door station for 30 seconds.

6.There are pinhole socket for magentic,NC and NO.if using magentic detector,please connect correctly.

7.There is a socket for Initialization on the back. Plug the shortcut chip into the socket within 90s after power on, settings will be initialized. Then please pull the shortcut chip out.

8.The front-door camera can be upgraded via management software.

#### 6. Specifications:

Input voltage.....	+18VDC
Static current.....	≤130mA
Working current.....	≤250mA
Working temperature.....	-30°C~+55°C
Working humidity.....	45%~85%
Camera.....	1/4" OV9710 sensor
Sensitization area.....	3.9mm×2.5mm
Output format.....	10-bit raw RGB
Resolution.....	1.3mega pixel
Noise ratio.....	>69dB
Minimum illumination.....	F1.2,0.8Lux
Network transmission.....	<100m
Qty of sub cameras.....	7
Defense level.....	IP33
External dimensions.....	101×135×40mm
Embedded dimensions.....	95×128×50mm

## 7. Product items:

- 120mm two pins single-head wire (5264/2. 54mm) . . . 1PCS
- 120mm three pins single-head wire (2. 54mm) . . . . . 1PCS
- PM3×30screw . . . . . 2PCS
- PM3.5×25screw (for wall-mounted) . . . . . 2PCS
- Bottom case for embedded installed. . . . . 1PCS
- Bottom case for wall-mounted installed. . . . . 1PCS
- Manual. . . . . 1PCS

## 8. Terminal Description:

Terminal Mark	Description
unlock	unlock output
GND	ground wire
+18VDC	+DC18V Voltage input
Magentic	Magentic contacts
GND	ground wire

## 9. Trouble Shooting:

Trouble	Solution
does not work	plug in socket of power supply make clear the positive and negative of power supply
can not call or intercom	connect the wires correctly make sure the IP address is correct
can not unlock	make sure the unlock connection is in gear
Magentic	Make sure plug the pinhole correctly.

## 10. Wiring diagram:

