

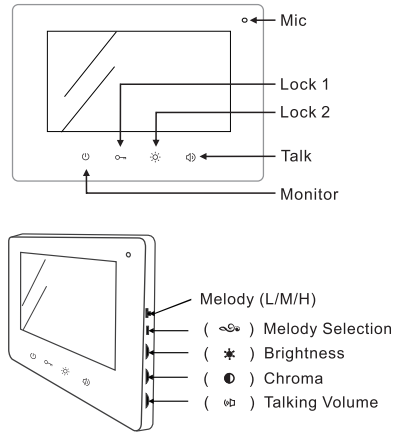
WiFi AHD VIDEO DOORPHONE USER MANUAL



ORION 7" WiFi VHS 907

Version 1.3

Operation Instruction



Call, answer and unlock

a. When the visitor inputs the room number and presses the call button on the outdoor unit, both the indoor unit and mobile phone will ring and display the visitor's image on the screen. Press **TALK** () button on the indoor unit to talk with the visitor. The talking time is 60s.

During the 60s, you can:

- Press **LOCK 1** () button to release the lock 1, or
- Press **LOCK 2** () button to release the lock 2, or
- Press **TALK** () button to hang up.
- When calling on the outdoor unit, both the indoor unit and the mobile phone will ring and display the visitor's image. Once any of them answers the call, the other will hang up. For example, if the mobile phone answers, the indoor unit will hang up.

b. Monitor outdoor units

Press **MONITOR** () button to circularly monitor the four outdoor units, it will work as below:
Press **MONITOR** () at a time, it will monitor the first outdoor unit. When the image of the first outdoor unit displays, press **MONITOR** () button again to monitor the second outdoor unit and the image of the second outdoor unit will display, and so forth. The monitoring time is 40 seconds. During the monitoring, press **TALK** () button can communicate with the outdoor unit and unlock as well.

NOTE: Only the No.1 outdoor unit can be monitored via the app

c. In-house inter communication

Multiple indoor units can be connected within one house. In standby state, long press () for 3 seconds on one of the indoor units, the others will ring. Press () on any of them to communicate with the indoor unit.

d. Call the guard unit

In standby state, long press () for 3 seconds to call the guard unit.

NOTE: The guard unit cannot be called via the app

e. Busy status

if you attempt to communicate with other unit by pressing the button and if it sounds "Di-Di", it means the units which you attempt to communicate is busy. Please try to communicate again later.

f. Do not disturb mode

In standby state, long press () for 3 seconds to enable Do Not Disturb function. When enabled,

- If there is a call from the outdoor unit, the indoor unit will only display image but sound no ringtone.
- If there is a call from the guard unit or from the indoor unit or from the secondary doorbell, the indoor unit will neither ring nor display image.
- In this mode, your mobile phone can receive the calling from the outdoor unit properly.

Long press () for 3 seconds again to disable Do Not Disturb function.

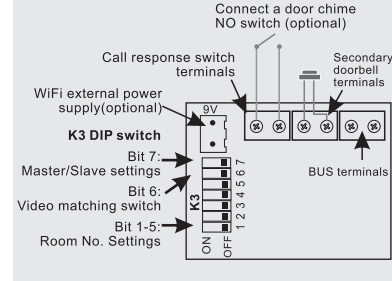
Brightness, chroma and volume adjustment

Use the potentiometer knobs on the right side of the indoor unit to adjust the indoor unit's **BRIGHTNESS** (), **CHROMA** () and **TALKING VOLUME** ()

Ringtone selection

There are 16 ringtones for selection. In standby state, press () to select the ringtones. The selected ringtone will be specified as the ringtone of Call, secondary doorbell and in-house inter call. Ringtone selection function CANNOT be performed in monitor, talk and in-house inter communication status. Ringtone volume can be adjusted by the () switch.

Terminals Description



BUS terminals

Connect BUS two wires, non polarity connection.

Secondary doorbell terminals

Used to connect a Normally Open (NO) switch. When the switch is pressed, the indoor unit will ring the ringtone.

Call response switch terminals

Used to connect a device such as a door chime. When the outdoor unit calls the indoor unit, the Normally Open (NO) switch will be closed. If the call is answered or if timed out, the switch will return to NO status.

WiFi external power supply

DO NOT change between "WiFi external power supply" and "WiFi internal power supply" arbitrarily. For the power supply solution, it should be defined well by contacting the manufacturer before delivery. For WiFi external power supply, a 9V power adapter will be required and up to 128 apartments are supported. For WiFi internal power supply, up to 32 apartment are supported.

Master/Slave settings

If there is only one indoor unit within a house, the unit should be set to Master. To do it, set K3's bit 7 to OFF " ".
If there are multiple indoor units within a house, set one indoor unit to Master " " and others to Slave " ".

NOTE: Any indoor unit with the WiFi function is not allowed to set to Slave. Only the Master indoor unit can have the WiFi function.

Video matching switch

If the indoor unit locates at the end of BUS wires, the video matching switch should be turned on. To do it, set K3's bit 6 to ON " ". Otherwise, set the video matching switch to OFF. Please refer to the wiring diagram for details.

About "WiFi external power supply" and "WiFi internal power supply" wiring diagrams

1. WiFi internal power supply: Please refer to "Wiring of the System with WiFi Indoor Monitors" section in 617BDU manual.
2. WiFi external power supply: Please refer to 617BDU manual or the any manual of 617-series outdoor units.

Room No. settings

The room No. can be set via K3's bit 1-5. It can be No. 01 - 32, which is corresponding to apartments 01 - 32.

Corresponding Room No.

Coding status	No.	Coding status	No.
ON OFF	01	ON OFF	17
ON OFF	02	ON OFF	18
ON OFF	03	ON OFF	19
ON OFF	04	ON OFF	20
ON OFF	05	ON OFF	21
ON OFF	06	ON OFF	22
ON OFF	07	ON OFF	23
ON OFF	08	ON OFF	24
ON OFF	09	ON OFF	25
ON OFF	10	ON OFF	26
ON OFF	11	ON OFF	27
ON OFF	12	ON OFF	28
ON OFF	13	ON OFF	29
ON OFF	14	ON OFF	30
ON OFF	15	ON OFF	31
ON OFF	16	ON OFF	32

APP Operation Instruction

1. Scan the QR code below to download and then install it.



TuyaSmart

Android 5.0 / iOS 8.0 or higher

2. Open the tuya smart app, go to Home and then tap "+" icon at the upper right corner, tap Add Device and then select smart doorbell.
3. Tap "Wi-Fi" at the upper right corner of the page. Select "Wi-Fi Mode" from the drop-down menu, tap "NEXT".
4. Select "EZ Mode" on the pop-up window.

Scan the QR code below for the detailed app operation.



Features

- 7" TFT, low power consumption, no radiation.
- 2.4GHz Wi-Fi intercoms.
- Release two locks.
- Monitor outdoor station.
- Talk volume, brightness and chroma adjustable.
- Two wires non-polarity connection.
- 16 ringtones for selection.
- In-house inter communication.
- Secondary doorbell function.
- Master and slave settings for indoor monitors within one house.
- Room number settings.
- Additional door chime can be connected to the indoor monitor so that it will ring when the visitor presses the call button.


APP FAQ

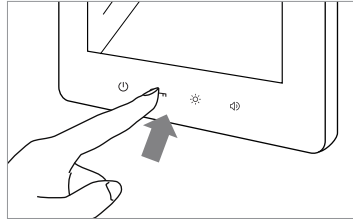
1. Failed to add the device.

1. Please check whether the network you connected is 2.4 GHz Wi-Fi.
2. Please check whether the WiFi password you typed is correct.
3. If the above operation is correct, reset the device and add it again.

NOTE: The reset action will reset the configuration info in the WiFi board.

Reset action:

Under standby mode, press and hold () for 3 seconds and release it when hearing a "DI" tone. When hearing a "Dong" tone, the WiFi board has been reboot successfully.



2. Devices Offline.

- a. Pull down the screen through your finger gesture to refresh the device status.
- b. Please check whether the router's network is normal. Please check whether the mobile is connected to network normally.

3. Cannot receive push notifications

- Please check if the network works properly.
- Please check if the mobile phone allows push notifications.
- Delete the device and add it again.

Specifications

Screen Size	7 inch
Resolution	800(H)x3GRBx480(V)
Effective Area	154.08(H)x85.92(V) mm
Outline Dimension	215(W)x152(H)x18(D) mm
Monitoring Time	40S±10%
Talking Time	60S ±10%
Power Consumption	Standby mode<3W, Working state<10W
Working Temperature	0°C~+40°C
Relative Humidity	10%-90%(RH)
Wiring Connection	Two-wire non-polarity connection
WiFi Frequency	2.4GHz
External Power Supply for WiFi	DC 9V, 500mA (optional)
Centralized Power Supply	24V

Trouble Shooting

Problem	Solutions
No Video/ signal when power on	<ol style="list-style-type: none"> 1. Make sure all the connections are secured and properly connected. 2. Make sure there is nothing obstructing the view of the camera.
No Video, but intercommunication is normal	<ol style="list-style-type: none"> 1. Make sure there is nothing obstructing the view of the camera. 2. When calling, the auxiliary unit only rings but no image, in this status, you can intercom normally.

No melody ring from indoor unit when calling	<ol style="list-style-type: none"> 1. Make sure the volume notch on the indoor unit is turned on. 2. Make sure all the connections are secured and properly connected. 3. Make sure that there is nothing interfering with the speaker or microphone on the indoor unit.
The outdoor unit cannot call the indoor unit	<ol style="list-style-type: none"> 1. Make sure all the connections are secured and properly connected. 2. Make sure the address setting of the indoor unit is correct. 3. Make sure there is only one main unit of the indoor units.
Door unlock not functioning	<ol style="list-style-type: none"> 1. Make sure the connections with the locks are secured and properly connected. 2. Make sure you have the lock wired to a power source enough to make it operate.
When the outdoor unit is calling, unable to intercom	Press TALK button for two-way intercom.
When monitoring the outdoor unit, no sound from the outdoor unit	During monitoring, press TALK button for two-way intercom
After the indoor unit is powered on, the WIFI cannot start up normally, or you cannot monitor and intercom with the outdoor unit by your mobile phone.	<ol style="list-style-type: none"> 1. Make sure the wiring of the indoor unit and the outdoor unit is correctly wired, the doorbell device cannot connect with the mobile phone if the wiring is not correctly connected. Make sure the indoor unit and the outdoor unit are correctly wired before power on. 2. Disconnection is not allowed once the wiring and power connecting is done. If disconnection does happen, power off the unit and then power it on again.

Safety Instruction

1. Do not squeeze, hit or drop the product.
2. Do not install the indoor unit next to a television or somewhere with strong interference in case that their signals interference normal functions.
3. Do not touch the screen with wet hands.
4. Clean the camera or screen with a soft cloth. Do not use detergent, thinner, volatile or corrosive liquid.

FCC Warnings

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



NOTICE:

This manual is for the purpose of product use and operation. Design and specifications are subject to change without notice.