

OPERATION INSTRUCTION

AHD Video Intercom System[®]

Indoor Monitor
User Manual

Statement

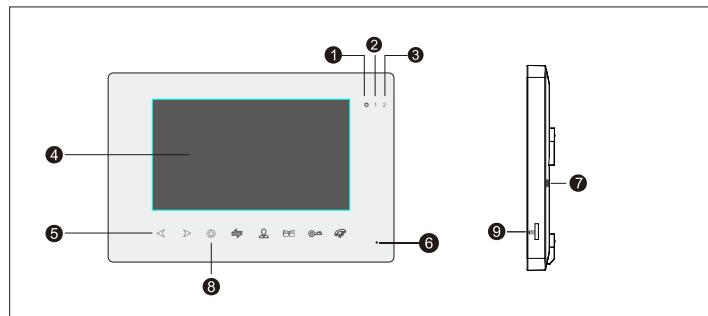
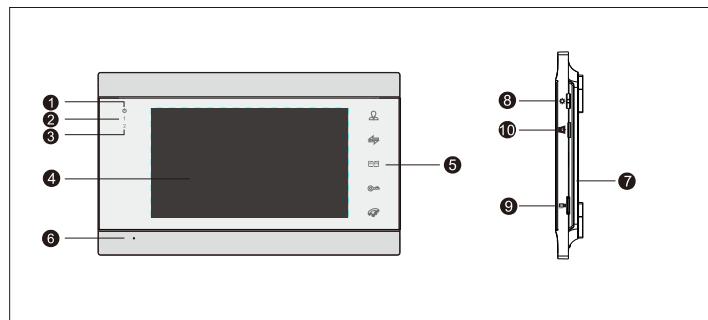
- * If there is any doubt or disputable regarding information in this manual, you can call our company for clarification.
- * There maybe some difference between the description provided here and the actual devices, as our products are constantly developing and upgrading. We apologize if this manual does not contain all of the latest updates. Thanks

INDOOR MONITOR SPECIFICATION

Below schematic diagram are available for indoor monitor designs.

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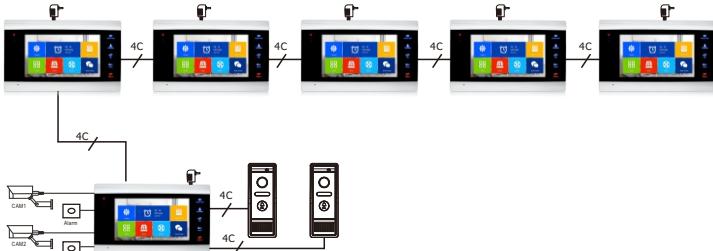
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NO.	Name	Descriptions
1	LED 1	Power indicator
2	LED 2	Door 1 indicator
3	LED 3	Door 2 indicator
4	TFT display	Display image
5	Operation button	Touch button
6	Microphone	Transmit voice to outdoor
7	Loudspeaker	Voice from outdoor
8	Setting button	Menu /confirm
9	SD card slot	Save recording data
10	Volume adjuster	Adjust indoor monitor volume during a call

SCHEMATIC DIAGRAM

Indoor monitor schematic diagram as below, actual operation follows installation diagram .



INSTALLATION SAFE NOTES

1. Electrical locks / alarms / cameras are not included in the package, you can buy electrical locks that fit the actual requirements
2. Factory default supports the lock of the normally open (NO) unlock mode, dry contact is opened in the normal state, lock remains normally closed. If press unlock button, the dry contact becomes closed, Release the lock.
3. Built-in or external power supply is optional. Suitable for a wide voltage range (AC100V-240V). Unplug the AC power plug before installing the device (shown as below).



4. For the use and selection of wires, please refer to the following. (cable quality influence video and voice transfer distance)

1). 4C ordinary unshielded wire and shielded wiring

Distance $\leq 28m(4*0.2mm^2)$; Distance $\leq 50m(4*0.3mm^2)$; Distance $\leq 80m(4*0.5mm^2)$



2). 3C ordinary unshielded + video cable(75-3) connection method

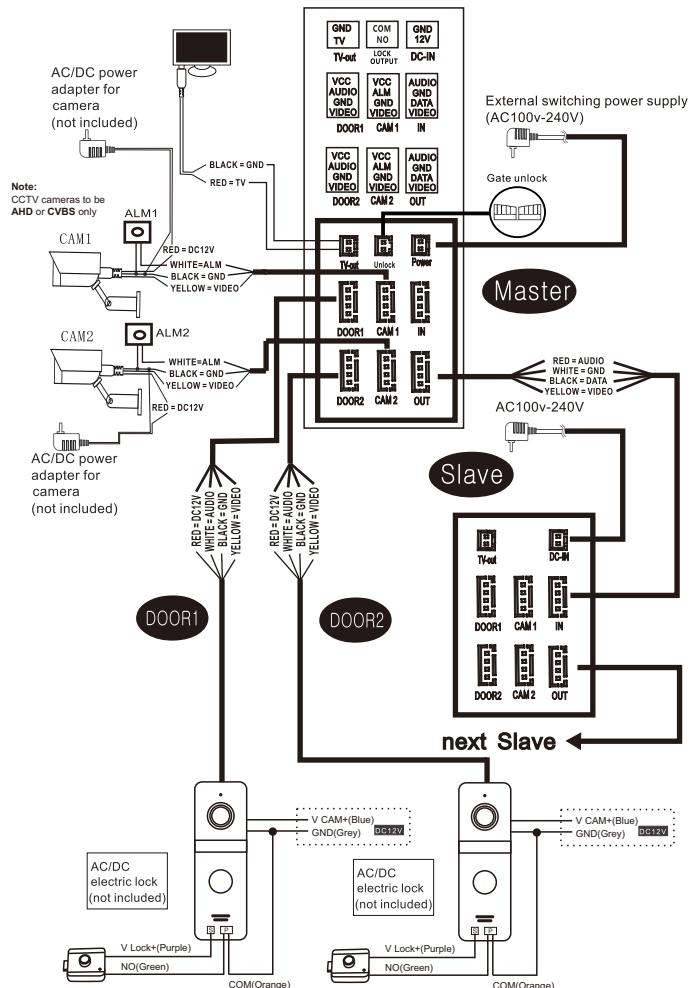


(Distance ≤ 100 meters)

3. Category 5 network cable connection (not recommended)



(Unshielded network cable distance ≤ 50 meters)



BUTTON INSTRUCTIONS

Name	Type A	Type B	Description
Transfer call			<p>Internal communication, call transfer and color adjustment.</p> <ol style="list-style-type: none"> Instandby mode, long press ↲ call extensions monitors start talk. During talking between outdoor station and indoor monitor, long press ↲ transfer to another extension monitor. During talking or monitoring, short press ↲ to adjust the saturation.
Monitoring			Activate outdoor station camera during standby.
Talk/ Hang up			<ol style="list-style-type: none"> When in a call, monitoring, motion detection, press ↲ to talk with door station. In a call and alarming, press ↲ to hang up and return to standby page. Press ↲ return to previous page or exit from current page in menu setting.
Unlock			Unlock the door during monitoring, motion detection and talking.
Setting	 Tap the wheel inward		<p>Dual function button, menu/confirm function.</p> <ol style="list-style-type: none"> Standby mode press * enter menu. Enter menu, * means confirm function. During talking or monitoring, press * manual start recording, take picture or stop recording. During playing music, videos, pictures, press * pause or play. During playing music, videos, long press * adjust volume.
"+"	 Scroll up		Move next options/increase parameter.
"-"	 Scroll down		Move next options/reduce parameter.
Volume			During talking mode, adjust talking volume.
Gate unlock			Gate unlock active.

OPERATION INTRODUCTION

◆ VISITOR CALL

Standby mode

Press DOOR1
call button



Press DOOR2
call button



▼ Indoor monitor and
Outdoor station will
ring (default 30s).

Visitor image
displayed indoor monitor

Press indoor
monitor answer
button



▼ Stop ringing

▼ Intercom between
indoor monitor and
outdoor station

▼ Communication
default 120s

Press indoor
monitor unlock
button



Unlock the door
of outdoor station

Press indoor monitor
hang up button



► End the call

NOTE:

If two outdoor station calling almost at the same time,
till one hang up the call, another can work

Tips: Adjust "+", "-" button to adjust communication volume
during talking.

NOTE:

Monitor no answer, outdoor station will prompts "Please
leave a message" after ringing ends, indoor monitor will end
video recording and hang up after 60s.

- 1.Unlock time default 2s. Answer and press unlock, auto back to standby mode after 20s.
- 2.Insert SD card and set it as video record mode, recording will active from calling till hang up.
Recording will be stop after press "*".
- 3.Insert SD card and set it as snap, during talking press "*" active snap.
- 4.During talking, can't be switch extension camera image.

CALL TRANSFER TO OTHER EXTENSIONS

Install two indoor monitors and one outdoor station can use above function.

During talking between outdoor station and indoor monitor

Long press transfer button activate extensions functions

The corresponding extension will ring

Press indoor monitor answer button

Intercom between indoor monitor and outdoor station.

NOTE:

Press “ \oplus ” and “ \ominus ” button to choose extension number, press setting button confirm to call.

Press unlock button to unlock the door

Press hang up button to end up a call and return to standby mode

INTERCOM BETWEEN MONITORS

At least 2 indoor monitors are required.

Standby mode

Long press transfer button activate extensions functions

The corresponding extension will ring

Press indoor monitor answer button

NOTE:

Press “ \oplus ” and “ \ominus ” button to choose extension, press setting button confirm to call.

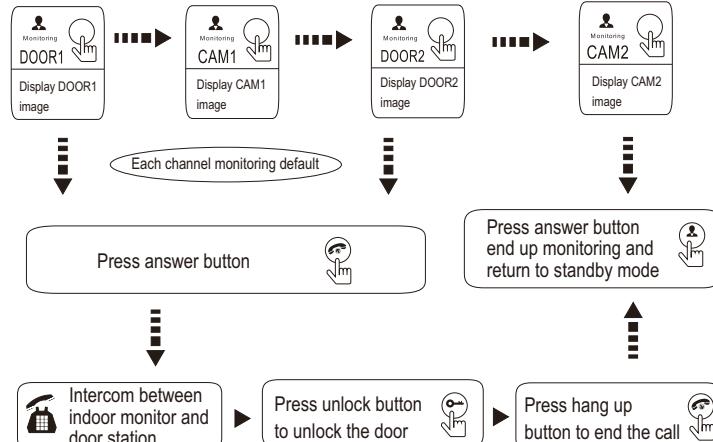
Intercom between indoor monitors

Press indoor monitor hang up button

MONITORING

Default factory mode, DOOR2, CAM1, CAM2 status are ON.

Standby mode

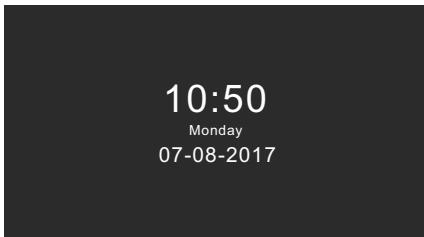


NOTE:

1. When with 1 door station only, can press monitor button again to end monitoring, and can press hang up button to end monitoring. (DOOR2, CAM1, CAM2 must be OFF)
2. If use 2 indoor monitors, can turn on monitor mode on other extensions, the same image will show difference extensions.
3. When visitor press door station call button, system will turn off monitor mode and switch to show door station calling image.
4. When record mode is video record, press setting button to start video recording, press setting button again to stop recording.
5. Insert SD card and set it as snap mode, press setting button to snap a picture, and snap more pictures.

MOTION DETECTION

Outdoor station camera detect moving, auto start motion detection and display image on monitor.



1. Press Setting Button >Mode > Motion Detection to enter the mode to select motion detection object like Door1, Door2, CAM1, CAM2.



2. Back to standby mode after 10s activate motion detection function.

STANDBY MODE

Standby page with two modes: clock mode and digital photo frame mode.

1.Clock Mode

Display year, month, day, week, hour, minute, second.

The clock will be displayed in standby mode for 60 seconds, then enter a black screen saver.

Note: New unread message icon will displayed in the upper left corner.



2.Digital photo frame mode

Digital photo frame mode rotates pictures on SD card.



NOTE:

1. By default, the clock is displayed on a monitor with standby. If the digital photo frame function is ON, the image saved in SD card will be automatically played in standby mode.
2. It needs to create "photo" file in the "USER" folder of SD card. Pictures must be saved in "photo" folder to be found and displayed.

MENU

In standby mode, press setting button to enter main menu page. The main menu page is shown as below picture. The main menu includes system, time, digital photo frame, mode, multimedia, and record center. On the menu, press the "plus" or "minus" button to the specific option, and press the return button to return to the standby mode.



Automatically back to standby mode after 60s without operation.

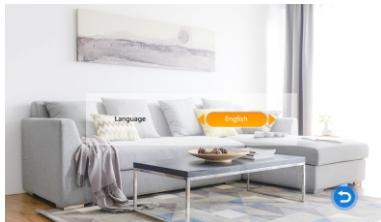
1. Parameter Settings

"System" menu includes: language, time, system information, ringtone, volume, network settings.



1.1 System - Language

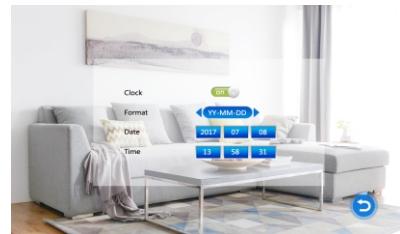
Enter language menu and press "✿", the arrows on both sides of the "Language" option will change color to indicate that you can adjust. Press "+" or "-" button to switch language. After adjustment, press setting button again.



1.2 System - Time

Adjust monitor time from "Time" page.

1. Select clock switch on/off decided display standby mode.
2. Three type mode of date format : YY-MM-DD, MM-DD-YY, DD-MM-YY. Select "Date Format" and press "✿". The arrows change color to indicate that you can adjust the value. Press "+" or "-" to switch the format. Press "✿" again to set the language successfully.
3. "Date", "Time": The time is displayed in 24-hour format.

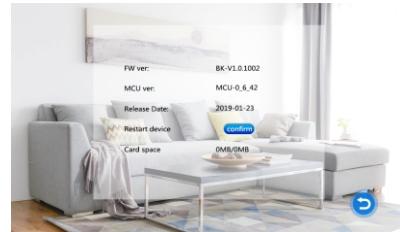


1.3 System - Information

Select "System Information" and press "✿" to enter the "System Information" menu.

System information includes: software version, MCU software version, release date, restart device, SD card margin, format SD card, and read.

Note: Supports SD cards with write speeds over 10MB/s and memory below 32G.



[Reboot]: Select "✿", press "✿" to pop-up a window asking "Do you want to restart the device?", select "Yes" and press "✿" to confirm restarting the system. Select "No" and press "✿" to close the pop-up window.

[Format]: Select "Format" button and Press "✿" to start formatting SD card.

[Read]: Put the ID list in the SD card, select the "Read" button, and press "✿" to read the ID. If the ID is successfully read, the device ID will be displayed.

1.4. System-Ringtone

In "System Menu", press “⊕” or “⊖” to “ringtone”, and then press “*” to enter the “ringtone” page. Set the ringtone of the indoor monitor.



[Mode]: Ringtone mode includes two types: Default ringtone and defined ringtone.

Default ringtone: refers to the ringtone that comes from the system.

Defined ringtone: The user adds a ringtone stored on the SD card. When the mode is set to Defined, the door station calls indoor monitor come with customized ringtone.

[Door1 Ring]: Set default ringtone and defined ringtone of door station. When the mode is selected as default, display default ringtone, and when the mode is selected as defined ringtone, display defined ringtone.

NOTE:

- 1.Create a "ring" folder in the "USER" folder of SD card. Only when the music is saved in the ring folder can it be found and set as a defined ringtone.
- 2.The ringtone name must be ring_1 ~ ring_10.

1.5 System-Volume

Press “⊕” “⊖” and “*” enter “Volume” page. Can set 3 different ringtone volume and ringing time.

Note: Volume setting is to set calling volume.



[Ring Vol1]: Ring volume can set 0-10, ring time can set 10s-45s.

[Ring Vol2]: Ring volume can set 0-10, ring time can set 10s-45s.

[Ring Vol3]: Ring volume can set 0-10, ring time can set 10s-45s.

[Button Voice]: The volume is button operation volume, volume will be gone after turning off.

1.6. System-Network Settings

Select “WiFi Set” ---- “network setting”. Monitor connect to WiFi, once outdoor station call, monitor and smart phone APP will ring



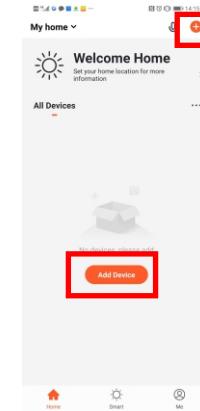
APP Download and Register

- 1.Download “Tuya smart” app, IOS system from the Apple Store; Andriod system from Google Play.
- 2.Switch on “Tuya smart” app, register new account should select country and region.
- 3.Login to the app after registration is complete.

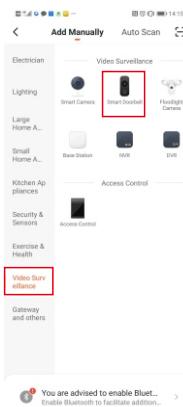
Note: Wireless network setting must be used with the mobile phone APP (Tuya smart).

AP mode connection steps:

1. Power on indoor monitor, it will start a hotspot named SmartLife-Doorbell.
2. Turn on the phone, click "Settings"->"WiFi" check hot spot SmartLife-Doorbell appear. If yes, go to step 4. If not, go to step 3.
3. Select the AP mode from indoor monitor and press two times setting button to confirm. The indoor monitor will auto reboot and start the WiFi hotspot named SmartLife-Doorbell.
4. Switch “Tuya Smart” App, press “add device” or “+”, enter page as below.



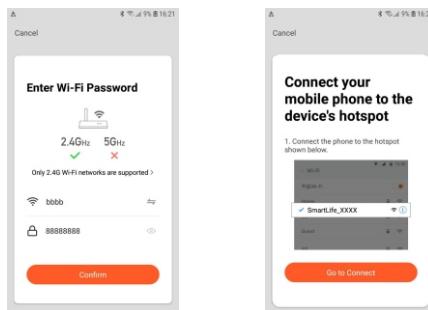
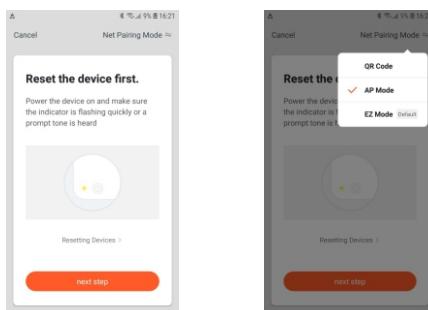
5. Select "Smart Doorbell" under "Video Surveillance", enter page as below.



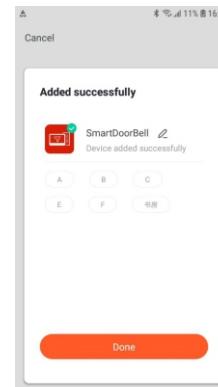
7. Turn on smart phone "Setting"-->connect wifi "SmartLife-Doorbell"-->back to "Tuya Smart"APP, waiting process finished 100% successful connected.



6. Select "Net Paring Mode"-----"AP Mode"-----"Enter Wifi name and Password"



8. Wait for progress to complete 100%, mean connection successfully.



9. After connect WiFi successfully, the WiFi icon and server icon appear in the upper left corner of the indoor monitor in standby mode.

NOTE:

iOS mobile phones may encounter the situation where the WiFi automatically switches to other home WiFi when connected, resulting in unsuccessful connection. Please forget all connected home WiFi on the phone before connecting.

2. Digital Photo Frame

Select "Digital photo frame" and press "✿" enter "Digital photo frame" page. After digital photo frame to be ON, the pictures in "photo" folder of SD card will be displayed on standby mode.

Note: If digital photo frame is on, motion detection function cannot be used.



[Digital Switch]: Control digital photo frame mode on or off. The default is off.

[Interval Time]: Can set interval play time from 0 seconds to 10 seconds, default time is 6 seconds.

3. Mode Setting

Select "Mode" and press "✿" to enter the "Mode" menu. Can set extension number, DOOR2 status, unlock time, recording mode, motion detection, message etc.



[Set machine ID]: Tùy chọn với "01, 02, 03, 04, 05, 06"

"01" là màn hình chính và "02 ~ 06" là màn hình mở rộng.

[Door2 status]: DOOR 2 xem BẬT hoặc TẮT.

[Door1 Unlock Time]: Đặt thời gian mở khóa DOOR 1. Sau khi mở khóa, thời gian mở khóa kết thúc và DOOR 1 sẽ đóng lại. Thời gian mở khóa có thể được đặt từ 2 đến 10 giây, mặc định thời gian là 5 giây.

[Door2 Unlock Time]: Đặt thời gian mở khóa DOOR 1. Sau khi mở khóa, thời gian mở khóa kết thúc và DOOR 1 sẽ đóng lại. Thời gian mở khóa có thể được đặt từ 2 đến 10 giây, mặc định thời gian là 5 giây.

[Record mode]: Các tùy chọn bao gồm: Video và ảnh chụp nhanh.

Ghi hình là khi khách gọi, màn hình trong nhà chứa thẻ SD sẽ tự động bắt đầu ghi cho đến khi cuộc gọi kết thúc hoặc chủ nhà nhấn phím "Setting" để kết thúc ghi.
Chụp nhanh nghĩa là khi khách gọi, màn hình trong nhà (có thẻ SD) sẽ tự động bắt đầu chụp ảnh hoặc nhấn "Setting" để chụp ảnh theo cách thủ công.

Note: Chế độ ghi chỉ hiệu quả đối với DOOR 1, DOOR 2

[Motion Detection]: Các tùy chọn bao gồm "Cửa 1, Cửa 2, camera 1, camera 2, Đóng".
Có thể chọn một thiết bị ngoài trời để phát hiện.

[Message]: BẬT hoặc TẮT lời nhắc tin nhắn, mặc định là BẬT. Nếu khách gọi, họ sẽ được nhắc lại tin nhắn nếu chủ nhà không ở nhà hoặc không trả lời cuộc gọi.

4. Alarm

Chọn "Báo Động Alarm" và nhấn **Seting** để vào menu "**Alarm**".

Bao gồm: Ghi cảnh báo, Loại cảm biến, CAM 1, CAM 2, Giờ đồ chuông



[Alarm record]: Các tùy chọn bao gồm: video và ảnh chụp nhanh. Ghi hình có nghĩa là khi cảnh báo được kích hoạt, màn hình trong nhà với thẻ SD sẽ tự động bắt đầu ghi cho đến khi báo động kết thúc hoặc chủ nhà dừng theo cách thủ công bằng cách nhấn nút gác máy. Ảnh chụp nhanh có nghĩa là khi báo động được kích hoạt, màn hình trong nhà với thẻ SD sẽ tự động chụp ảnh của thiết bị camera cảm biến. Chủ nhà cũng có thể nhấn nút **Setting** theo cách thủ công để chụp ảnh nhanh liên tục

Note: Ghi cảnh báo chỉ dành cho CAM1 và CAM2, thời lượng báo động là 2 phút.

[CAM1 Sensor type]: Kênh CAM1 tương ứng với trạng thái i / o (xem mô tả bên dưới), có nghĩa là khi một cảnh báo được kích hoạt, nó sẽ kích hoạt kênh tương ứng để bắt đầu quay video báo động hoặc chụp ảnh.

[CAM2 Sensor type]: Kênh CAM2 tương ứng với trạng thái i / o (xem mô tả bên dưới), có nghĩa là khi một cảnh báo được kích hoạt, nó sẽ kích hoạt kênh tương ứng để bắt đầu quay video báo động hoặc chụp ảnh.

[CAM1 ring time]: CAM 1 cho phép BẬT hoặc TẮT.

[CAM2 ring time]: CAM 2 cho phép BẬT hoặc TẮT.

[CAM1 ring time]: Thời gian chuông báo động CAM1 có thể được đặt từ 0 đến 20 giây.

[CAM2 ring time]: Thời gian chuông báo động CAM2 có thể được đặt từ 0 đến 20 giây.

I/O Status Types:

NO: Ở trạng thái bình thường, cảm biến ở mức điện áp thấp không đổi. Nếu điện áp đầu ra thay đổi từ thấp đến cao, báo động được kích hoạt.

NC: Ở trạng thái bình thường, cảm biến ở mức điện áp cao không đổi. Nếu điện áp đầu ra thay đổi từ thấp đến cao, báo động được kích hoạt.

OFF: Nếu cảm biến cảnh báo bên ngoài không được sử dụng, hãy đặt i / o thành "OFF".

5. Multi Media

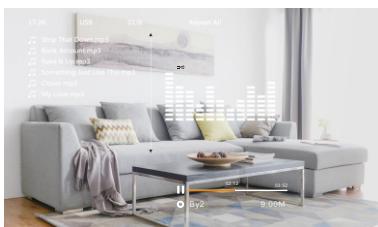
Select "Multimedia" and press "*" to enter "Multimedia" menu. It includes: Music, Photo, File Management.



5.1 Music

Select "Music" and press "*" to enter music playback page. After entering music page, the first music in the list is automatically played.

- 1.Create a "music" folder in "USER" folder the SD card. Only when you save the music in "music" folder the files can be found and displayed.
- 2.Only 30 songs can be placed in "Music" folder. Beyond 30 will not be displayed.



1.Press "+" or "-" in the music list, select one song and press "*" once to confirm playback, and press ↺ return to previous menu.

2.Press and hold "+" or "-" to fast forward or rewind. Press "*" to pause.

3.Press and hold "*" to bring up volume, and press "+" to increase volume or press "-" to decrease volume.

4.When playing music, you can switch between different playback modes. Press ↲ once to switch one playback mode. The playback modes include: single play, random play, sequential play, single track loop, list loop.

[Single song playback]: Stop playing automatically after playing the current song.

[Random play]: play all songs randomly without stopping playback.

[Sequential play]: play all songs from top to bottom, stop playing after the last song is played.

[Single loop]: Play the same song repeatedly without stopping playback.

[List loop]: Repeat all songs in sequence. After the last song is played, it will be played in the loop from the first one.

Note: Nếu khách gọi hoặc kích hoạt báo động trong khi playback, quá trình playback sẽ dừng và chuyển sang camera của hoặc hình ảnh camera mở rộng.

5.2 HÌNH ẢNH

Chọn tùy chọn "Picture", nhấn "Setting" để vào danh sách hình ảnh, nhấn hoặc để chọn hiển thị hình ảnh, nhấn để xác nhận để hiển thị

Note: Ảnh chỉ chứa các tệp ảnh trong thư mục ảnh của thẻ SD.



1.Trong khi phát lại hình ảnh, nhấn "*" để tạm dừng phát lại, nhấn "*" một lần nữa để tiếp tục xem hình ảnh tự động.

2 Sau khi dừng tự động phát, nhấn "+" or "-" phát hình ảnh trước đó hoặc tiếp theo. Nhấn ↺ để trở lại danh sách hình ảnh.

Note: Hình ảnh tiếp theo sẽ được phát tự động khi đang phát hình ảnh, mở khóa để thành phát thủ công

5.3 File Management

Select "File Management" option, press "*" to enter "File Management", select SD folder, and press "*" to enter SD card, it includes: DCIM folder, USER folder.



[Delete file]: Press "+" or "-" to delete file option, press and hold "*", window pop-up "Delete file?", select "yes" and confirm to delete file, select "no" and confirm to close pop-ups.

[DCIM Folder]: DCIM file is programmed automatically created and only save record center file, it includes "photo" folder and "video" folder. "Photo" folder saves automatically captured picture and manually captured picture of indoor monitor, and "video" folder save automatically recorded videos and manually recorded video of indoor monitor.

[USER Folder]: USER folder stores "music, photo, ring, update" folders.

Music folder stores music folder in multimedia.

Photo folder stores pictures of digital photo frame.

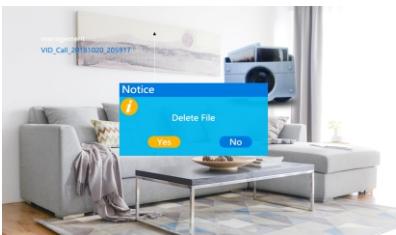
Ring folder stores defined ringtone.

Update folder stores upgrading folder.

[Upgrade]: Put upgrade file (xxx.dd is the program file) in the update folder, select upgrade file xxx.dd and press "*" to pop up the window "Upgrade?" Select "Yes" and press "*" to confirm upgrade and wait for the upgrade to succeed. "No" Press "*" to close the window.

[MCU Upgrade]: Put MCU file (xxx.bin is the MCU file) in the update folder, select MCU file xxx.bin and press "*" to pop up a window "Upgrade?" Select "Yes" and press "*" to confirm to upgrade and wait for the upgrade to succeed. Select "No" Press "*" to close the window.

Note: During system upgrading, do not remove SD card, power off, or disable indoor monitor. After the upgrade is complete, the device will restart.



6 Record Center

Select "Record Center" and press "*" to enter "Record Center" menu. Recording center includes: video information, photo information.

Note: If you need to delete the videos and pictures in recording center, please delete them in the DCIM folder in SD card.



6.1 Recording

Select "Recording message" and press "*" to enter recording message list. Select video to be viewed and press "*" to play. During playback, you can press and hold "+" or "-" to fast forward or rewind like a movie, long press "*" to adjust volume, press "*" to end playback and return to recorded message list.

Note: The recording message only contains video files recorded by indoor monitor.



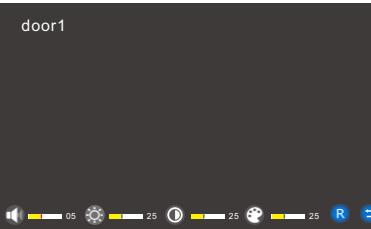
6.2 Photo

Select "Photo message" option and press "*" to enter photo message list. Select picture to play, press "*" to confirm playback, and press "*" to return to current menu.



7 Color Parameter Settings

In standby mode, press to monitor. Press during monitoring to bring up color adjustment mode. It includes: brightness, contrast, saturation, refresh, and return. Select the option and press "*". When color of number changes, press "+" or "-" to increase value or decrease value. Press "*" again to confirm after setting.



Note: Color parameters can be set on the screens of monitoring, calling, calling, alarming, etc.

[Bright]: The value can be set from 0 to 50, default is 25.

[Contrast]: The value can be set from 0 to 50, default is 25.

[Saturation]: The value can be set from 0 to 50, default is 25

[Refresh]: Refresh door station mechanism. When you change door station of different standards, the image may not be displayed, and you need to refresh and re-detect door station mechanism.

[Return]: Select return, press Set button to close color adjustment mode.

ALARM INSTRUCTION

1. The final public terminal is shorted to ground to activate the alarm, and indoor monitor speaker rings. During this period, press  to stop alarming and enter standby mode.
2. When in recording mode, 120s continuously display and record the image. During this period, press  to stop alarm and enter standby mode.
3. When in snapshot mode, a photo is taken at the beginning of alarm, and the image is continuously displayed within 120s. During this period, press  to stop the alarm and enter standby mode.

Alarm Sensor Wiring Diagram:

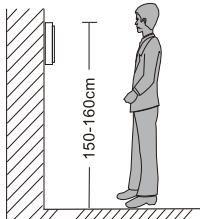
1. Suitable for connecting two normally closed (NC) or normally open (NO) alarm inputs. 2 alarm input channels without input limitation (can be normally open or normally closed).
2. The ALM terminal of alarm sensor is connected to ALM terminal of indoor monitor (the alarm sensor is powered by external power supply).
3. Alarm sensor GND terminal is connected to camera GND.
4. For NO alarm input, when GND and ALM are connected, the alarm will be triggered.
5. For NC alarm input, when GND and ALM are off, the alarm will be triggered.
6. Suitable for any alarm sensor.

INDOOR MONITOR INSTALLATION

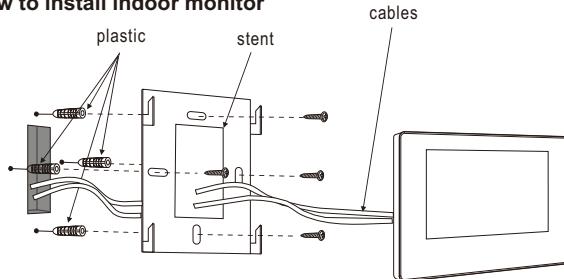


Note:

- Please stay away from strong radiation equipment: TV, DVR, etc.
- Please do not disassemble without permission to avoid electric shock.
- Do not drop, shake or strike the device, otherwise the components will be damaged.
- Select the best position for installation, and the distance from the horizontal view is 150cm.
- Please shut down before installation.
- Keep a distance of more than 30 cm from the AC power source to avoid interference.
- Keep away from water, magnetic fields and chemicals. Please turn off the power before installation.



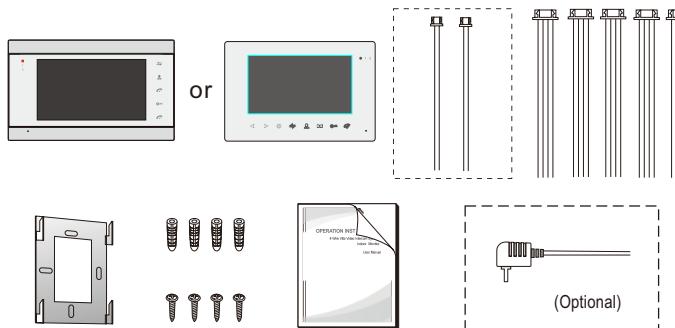
How to install indoor monitor



SPECIFICATIONS

Product Type	AHD 720P/960P/CVBS Video Input, CVI Video Input, TVI Video Input
Screen	7" TFT LCD screen
Resolution	7"(1024*600)
Standard	PAL/NTSC
Intercom Mode	Two-way intercom, cloud intercom
Power Consumption	Maximum 500mA/600mA
Power supply	External power DC 12V; Built in AC100-240V
Operating Temp	0~+50°C
Installation	Surface mount
SD Card Max Capacity	2GB~32GB class 10 TF card(micro SD card) Note: Read and write speed≥Class10
Video Input Signal	CVBS, CVI, TVI,AHD2.0
Motion Detection	Yes
System Capacity	6 indoor monitors + 2 door stations + 2 cameras
Functions	Unlock/Monitor/Intercom/Transfer Call/Record
Advantages	Digital Photo Frame/MP3/Clock and Voice Message/Background Music/cloud intercom

ACCESSORIES



Indoor Monitor

- Indoor Monitor ----- 1pcs
- Plastic Anchor ----- 4pcs
- Screws ----- 4pcs
- Bracket ----- 1pcs
- 4 Pin wire----- 5pcs
- 2Pin wire (optional) ----- 1pcs or 2pcs
- Operating Anual ----- 1pcs
- External Power Supply (optional) ----- 1pcs

* If indoor monitor has a built-in power supply, there is no external power supply in the picture above.