OPERATION INSTRUCTION

4-Wire Villa 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

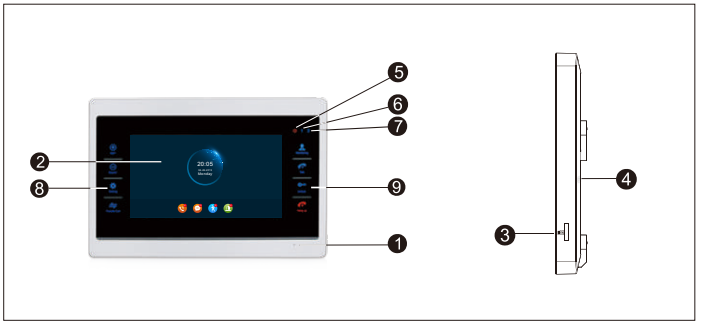
MC-0384-V3.0

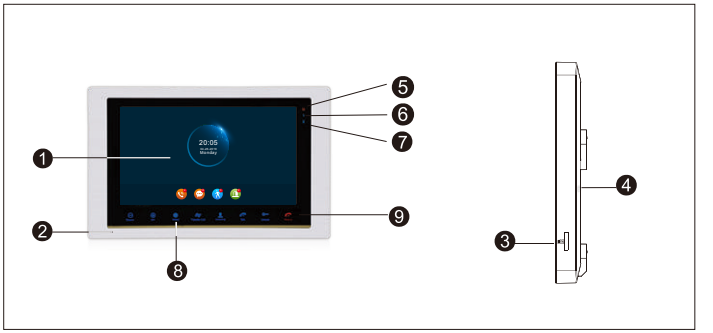
CONTENTS

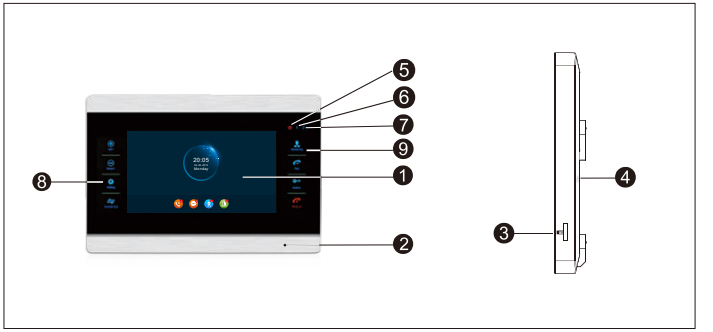
		PAGE
1.	Indoor Monitor Specification	2
2.	Wiring Diagram	8
3.	Installation Attentions	8
4.	Operation Introduction	9
5.	Call Transfer To Other Extension	10
6.	Monitoring	11
7.	Motion Detection	12
8.	Standby Mode	14
9.	Menu Operations	15
10.	Alarm Instructions	28
11.	Installation Of Indoor Monitor	28
12.	Accessories	29

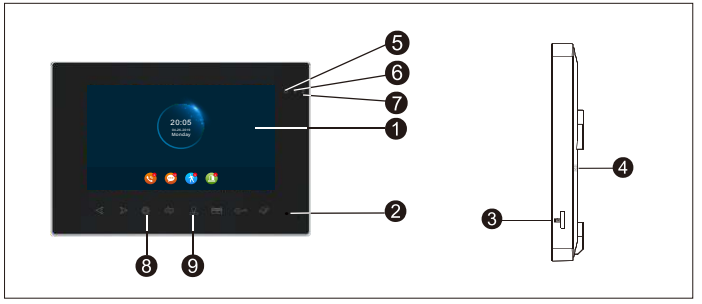
INDOOR MONITOR SPECIFICATION

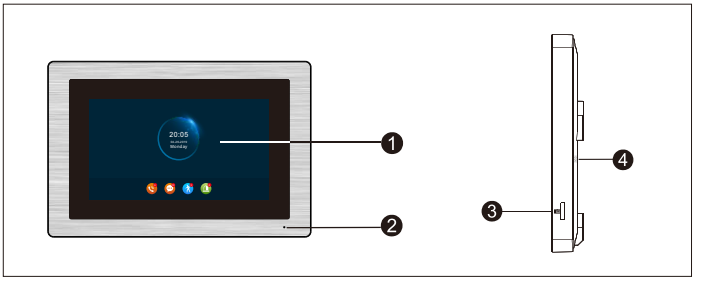
Note: The following are diagrams of all of the available indoor monitor models, not all models have the same layout or features, please take actual model as description.

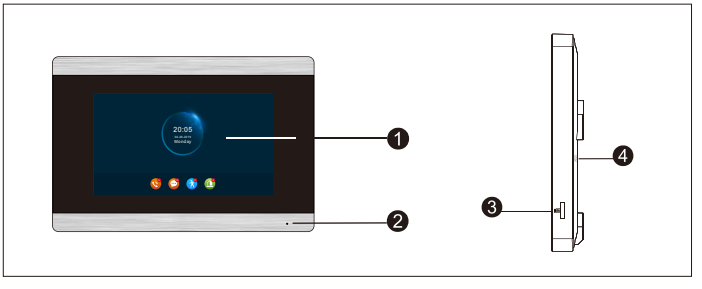


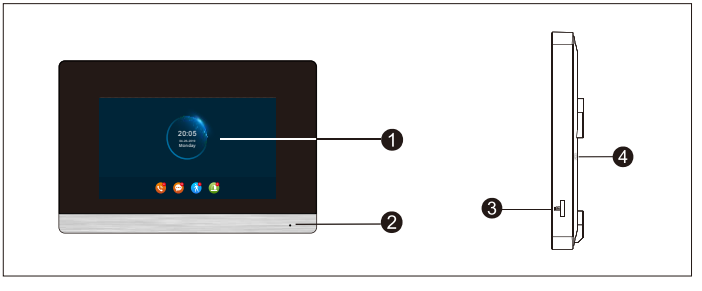


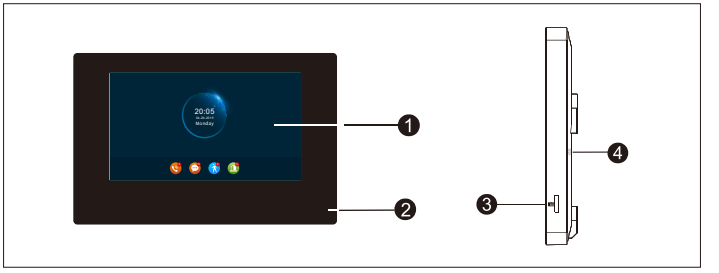


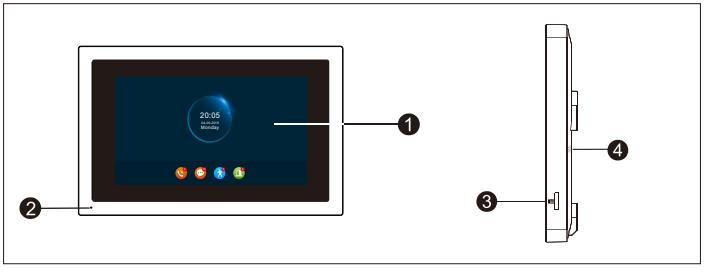


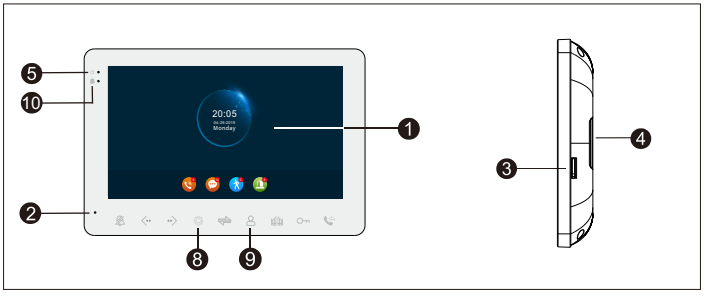






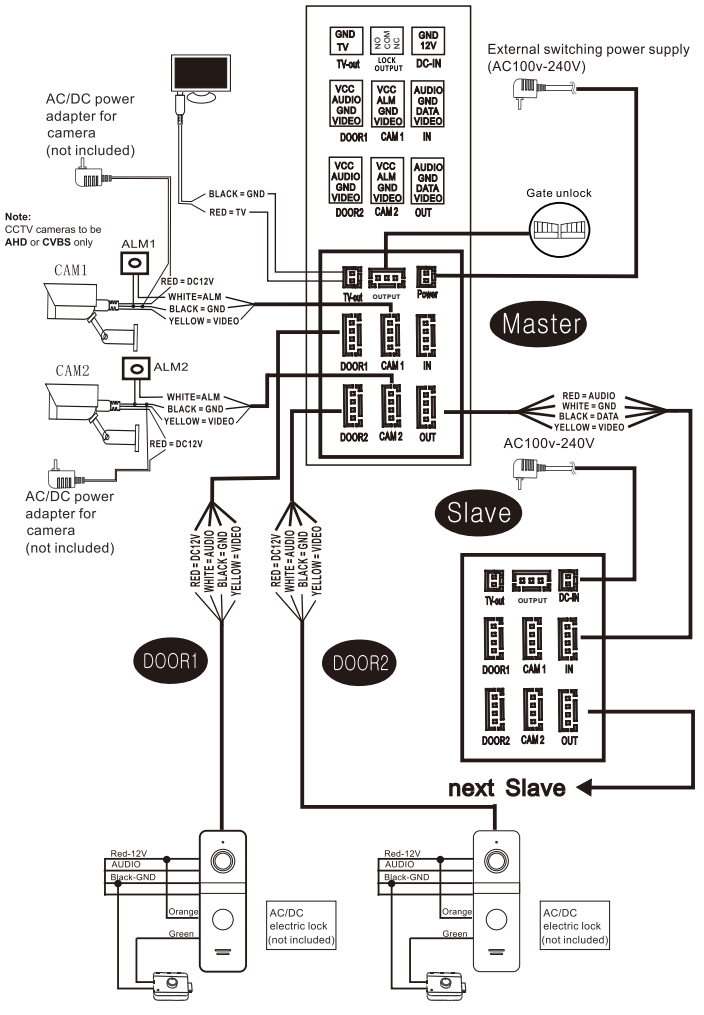






NO.	Name	Descriptions
1	TFT display	Display visitor's image & monitor settings
2	Microphone	Transmit voice to door station
3	MicroSD card slot	Put microSD card for pictures and videos storage
4	Speaker	Transmit voice from door station
5	LED 1	Power LED
6	LED 2	Door 1 LED
7	LED 3	Door 2 LED
8	Setting button	Enter to menu /Confirm
9	Monitoring	Monitor DOOR and CAM
10	Mute light	The light is ON when monitor is at Mute mode

WIRING DIAGRAM



MONITOR BUTTON ICON INTRODUCTION

Button description is for the monitor with button type only.

Name	Icon			Description
	TypeA	TypeB	TypeC	
Decrease	Down/-			1. Down 2. Decrease parameter 3. To fast-forward or back-forward when playing video or music
Increase	Up/+			1.Up 2.Increase parameter 3.To fast-forward or back-forward when playing video or music
Setting	Setting			Confirm/enter to main menu 1. Standby mode press button enter main menu 2. Setting Parameter press button confirm
Transfer/ Intercom	Transfer Call			Call transfer/ internal intercom/Color Contrast 1. Standby mode long press the button start internal intercom 2. During monitor and door station on conversation long press the button transfer call to slave Monitor 3. In intercom mode, short press it to open or close the function keys
Monitoring	Monitoring			1. Monitoring door station 1/2 image 2. In Media and Event menu, press it to return to previous page
Talk	Talk			1. Start conversation with door station 2. Monitor monitoring or motion detection press the button start conversation with door station 3. In Media and Event menu, press it to go to next page
Unlock	Unlock			Enter main menu or unlock 1. In Intercom, Motion Detection or Monitor modes, short press it to open the lock connecting on doorbell. 2. In any mode, long press it to open the lock connecting on monitor.
Hang up	Hang up			1. In Intercom, Alarm, Monitor or Motion Detection modes, press it to hang up and enter to standby mode. 2. When the screen is off, press it, and the screen will be on again
Gate Unlock	–			Unlock the door lock by press this button
Mute	–	–		Press the button switch on/off mute function (also called do not disturb)

NOTE:

1. For Type B/Type C, at Media and Event branch menu, “Pre” is Transfer call, and “Next” is Monitoring.
2. The specific operation is subject to the actual model.

MENU ICON DESCRIPTION

Virtual buttons are often used in touch screen type indoor monitor. This type of button will also appear in the touch button indoor monitor during monitoring, calling, and motion detection. The operation should be based on the actual situation.

Name	Symbol	Description
Monitoring		Monitor image of door station and camera.
Snapshot		Snap the screen displayed by the door station and camera.
Recording		Start or stop recording the screen displayed by the door station and camera.
Door station unlock		Move the cursor to" "when calling, detecting, or monitoring and press the set key to open the door lock which connect to door station.
Indoor monitor relay		Move the cursor to" "when calling, detecting, or monitoring and press the set key to open the doorlock which connect to indoor monitor.
Setting		Adjust the volume, brightness, contrast and color saturation.
Transfer call		During the conversation between the door station and the indoor monitor, move the cursor to" "and press the setting key, extension option will appear, you can select and click the serial number of a certain device to transfer the call.
Answer		1.Answer the visitor's call and dialogue. 2.When monitoring, press the answer key to talk to the door station.
Hang up button		when talking, alarming, monitoring and motion detection, move the cursor to "and press the set button to hang up and return to the standby interface.
Return		Return back to standby mode or exit.

INSTALLATION ATTENTION

Electrical locks/alarms/cameras are not included in the package, you can buy Electrical locks that fit the actual requirements.

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.

Internal or external power supply for optional. Suitable for a wide voltage range (AC100V-240V). Unplug the AC power plug before installing the device (shown as below).



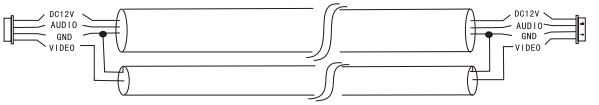
For the use and selection of wires, please refer to the following. (cable quality affect video and voice transfer distance)

1. 4C ordinary unshielded wire and shielded wiring:

Distance ≤10m(4*0.2mm²) ;

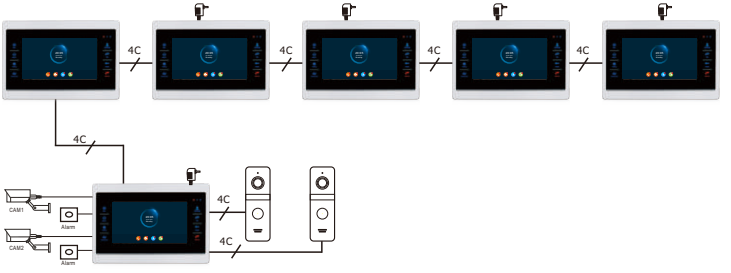


2. 3C ordinary unshielded + video cable (RG-59) connection mode:



(≤100m)

WIRING DIAGRAM



OPERATION INTRODUCTION

◆ VISITOR CALL

Standby mode

The visitor press the call button on door station 1

The visitor press the call button on door station 2

▼ Door station and Indoor monitor can hear the ring tone, default ring tone time 30s.

NOTE:

If press call button from two door station at the same time, the first door station will ring, another one no response, unless communication back to standby interface then press call button again.

The visitor's image automatically displayed on the screen

▼

Press the **talking** button on indoor monitor (Talk)

NOTE:

The monitor with MicroSD card, set its record mode in video and open message function, if monitor not pick up the call in 30s, door station will remind visitor "Please leave a message" and record a 30s video then stop and back to standby status.

▼ Stop ringing

Start conversation with door station

▼ The conversation duration is 120s at a time

Unlock the lock when in a call, press unlock button to unlock the door, ring tone stop.

Press the **unlock** button on indoor monitor (Unlock) ▶ release the door lock

Press the hang up button on indoor monitor (Hang up) ▶ End

NOTE:

1. Conversation ended automatically in 20s after unlock.
2. During ringing, long press the call button 5s to cancel the call.
3. The monitor which with MicroSD card will record the video from call to end of talk.(The record mode is video)
4. The monitor which with MicroSD card will make a snapshot while door station make call, user can make snapshot anytime while talking in manual.
5. Can not press monitor button to switch image while talking.
6. Another door station call to indoor monitor or trigger alarm signal will have prompt word and voice.
7. Please use one door station call monitor at a moment, the second door station will not ring if another one already making call.
8. In operating mode, door station call to monitor, monitor will interrupt the operating mode and enter the call mode.

CALL TRANSFER TO OTHER EXTENSIONS

Internal communication function requires at least two indoor and one door station to be connected.

Outdoor camera call indoor monitor and conversation is underway

▼

keep pressing transfer call button to activate the function of **call transfer to the extension which you choose**

▼ The called slave monitor will get ring tone

Press the **talking** button on called of indoor monitor (Talk) ▶ Talking with visitor ▶ The Electric lock can be opened (Unlock) ▶ End the call and return to standby mode. (Hang up)

NOTE:

Press the button "⊕" or "⊖" upward or downward to select the extension, then press "✲" to confirm.

Notice: Press back button to tune out the color option, press"⊕"or"⊖" button to move cursor, select"volume" press "✲" then press"⊕" increase volume,press "⊖" to decrease volume.

INTERNAL COMMUNICATION AMONG INDOOR MONITOR

At least 2 indoor units is required.

Standby mode

Keep pressing the **Transfer Call** button (Transfer Call)

▼

Select a extension which you want

▼ The called slave monitor will get ring tone

Press the **talking** button on called of indoor monitor (Talk)

▼

Start conversation among indoor monitor ▶ Press Hang up button (Hang up) ▶ End

NOTE:

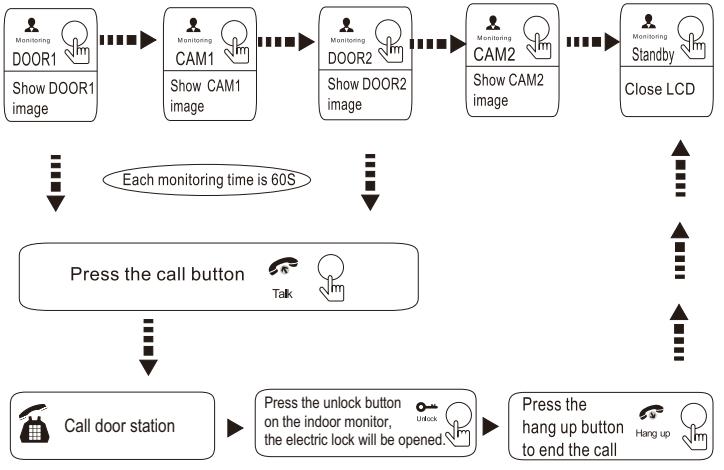
Press the button "⊕" or "⊖" upward or downward to select the extension, then press "✲" to confirm.

Notice: Intercom can't tune out color option, can't adjust communication volume.

MONITORING

Option in the settings in the menu: DOOR1, CAM1, DOOR2, CAM2 operating mode (open or closed)

Standby mode



NOTE:

1. While only turn on one channel(For example turn on door1) , can press monitor button one more time to end the monitoring. But it need to off cam1,cam2, door2. If one of the channel turn on but without device, it is without image while monitor this device.
2. While a system have 2 monitor or more than 2monitors, both master one and slave one can do monitor meanwhile, but all of them will show same image from door station.
3. Talk with door station while in monitor status, visitor press call button, system will stop monitoring and switch to call mode.
4. On monitoring status, indoor monitor will not make snapshot or record automatically, users need to make it by manual.
5. The duration of monitoring the door station is 1 minute, and the duration of the monitoring camera is 5 minutes. After the monitoring time, the indoor monitor will automatically return to the standby interface.

MOTION DETECTION

1. In Standby mode, tap the Master monitor(DeviceID:1) > Setting > Door (or Camera) > Select Device > Select motion detection switch to turn on motion detection.
2. In Standby mode, tap the Master Monitor > Setting > System Setting > select MD preview switch to start motion detection preview.
3. Once motion detection (MD) is enabled for a Door Station (or a camera), any movement in front of the door (or camera) will trigger an MD event. If the “Motion Detection Preview” is turned ON, the Monitor will display an image while recording. Otherwise, no image is displayed but it continues to record in the background.

Motion detection with following conditions:

1. Motion Detection is only active for the device (eg. Door1) if its Motion Detection turned ON. Movement on other devices is ignored.
2. If more than one Motion Detection channel is active, the first device to detect motion will be displayed first. Motion detected on other devices will wait for the first device to finish its motion detection period, before they can be serviced in turn.
3. If the Master Monitor is installed with a suitable MicroSD card, it will make snapshot or record video automatically while motion detection activated.
4. While the Digital Photo Frame is running: If the Motion Detection Preview is ON, a motion detection event will interrupt the Digital Photo Frame display. However if the Motion Detection Preview is OFF, only a “Motion Detection” notification message is displayed.

Note: The default motion detection recording time is 20 seconds. The motion detection event expires after this period.

OPERATION OF MENU

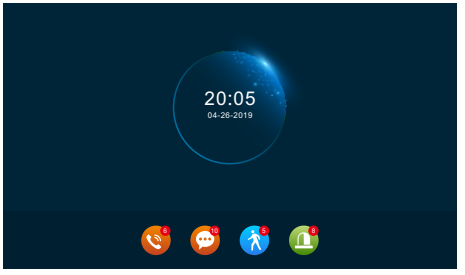
Description	Sensor button monitor	Touch screen monitor
Enter Menu	Standby mode press "⚙" enter menu	Standby mode touch screen enter menu
Enter setting status	Select "⚙" start adjust setting	Touch menu start setting
Save parameter	During setting mode press "⚙" to confirm	During setting mode press next file auto save memory
Return	Press "↩" return or select " ↩ " return	Select " ↩ " to return
Transfer call	During standby mode, long press" ⇄ " select number of slave monitor start intercom	Select number of slave monitor start intercom
	During talking long press" ⇄ "or choose " 📞 " select transfer call to slave monitor	choose " 📞 " select transfer call to slave monitor
Talk	Press" 📞 "or choose" 📞 " to answer call	Press" 📞 " to answer call
Hang up	Press" 📞 "or choose" 📞 " to hang up	Press" 📞 " to hang up
Monitoring	Press" 👤 "or choose" 👁 " to monitor	Press" 👁 " to monitor
Door station unlock	Press" 🔑 "or choose" 🔑 "to unlock	Press" 🔑 " to unlock
Monitor unlock	Long press" 🔑 "or choose" ▭ "unlock	Press" ▭ "unlock
Delete file	Select file and long press "⚙" to display message select "delete"	Long press file name display message select "delete"
Adjust image quality	Select " ⚙ " to adjust image quality	Press" ⚙ " to adjust image quality
Fast forward	During paly music or video, long press" ⊕ " Fast forward	Move play progress bar
Fast reverse	During paly music or video, long press" ⊖ " Fast reverse	Move play progress bar
Previous page	Press" 👤 "back to Previous page	Press "Previous page"
Next page	Press" 📞 "enter next page	Press "Next page"

STANDBY MODE

Standby mode: clock mode, digital photo frame mode.

1. Clock Mode

The Clock mode interface has two sections: year/month/date/hour/minute; Talk record/ message record/ motion detection record/alarm record shortcut keys.



1). The monitor will exit Menu mode and return to Standby Mode after 1 minute, if there is no user activity.
2). In Clock Mode, the display will switch off after 1 minute if there is no user activity.
3). After the screen had been turned off, tap the Monitor to display the Clock Mode (assuming the Clock is turned ON in System setting, and the Digital Photo Frame mode is turned OFF).
4). If there are unread messages, Call History records, or motion detection or alarm records, the number of unread messages will appear against its icon in the Standby screen.
5). In Clock Mode, the user can tap a shortcut key to directly view the messages.

2. Digital Photo Frame Mode

The Digital Photo Frame, if turned ON, will start automatically on return to Standby Mode. It will play the pictures stored on the optional MicroSD card.

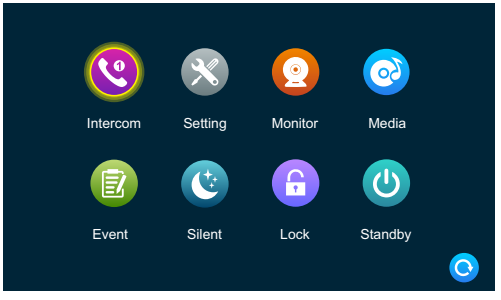


NOTE:

When a MicroSD card is first inserted into the MicroSD card slot, please format the MicroSD card using the Monitor Admin menu to create the system directories on the MicroSD card. Place your photos into the "USER\Photo" folder on the MicroSD card for the Digital Photo Frame to display them.

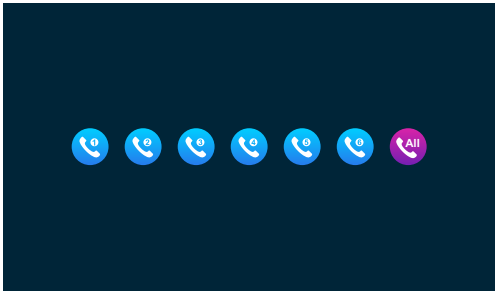
MENU OPERATIONS

In Standby Mode, tap the monitor to enter the Main Menu. The Main Menu includes icons for Setting, Monitoring, Event, Home, Lock & Standby. To return to Standby mode, tap the Back Arrow button or Standby icon.

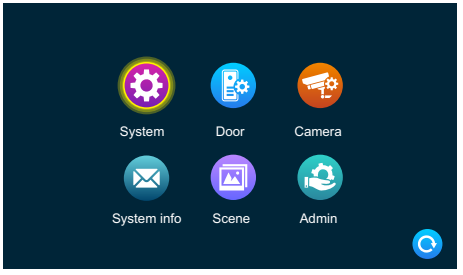


1.Intercom

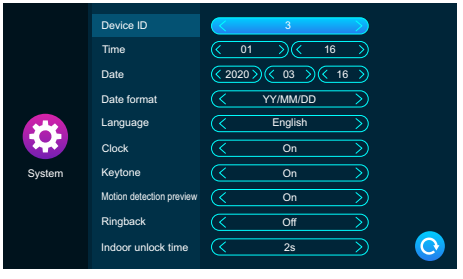
After entering this page, you will see 6 icons. The first five are other extensions except the local device. Tap on a numbered icon to call an extension. Or tap the "All" icon to call all indoor monitors. If "All" is selected, then all Monitors will ring. However only one Monitor can answer the call and start a conversation.



2. Settings



2.1 System Setting



【Device ID】Means the local device's extension ID, range from 1 to 6. 1means the monitor is Master, 2 to 6 means the indoor monitors are Slave. Each system supports a maximum of six indoor monitors.

【Time And Date 】The User can set Date and Time (24-hour clock format).

【Date Format】YY-MM-DD/MM-DD-YY/DD-MM-YY three types.

【Language】Include multiple languages.

【Clock】Indicates whether the clock is turned on during standby. If it is Off, the display will be black when it returns to Standby Mode from the Main Menu Page.

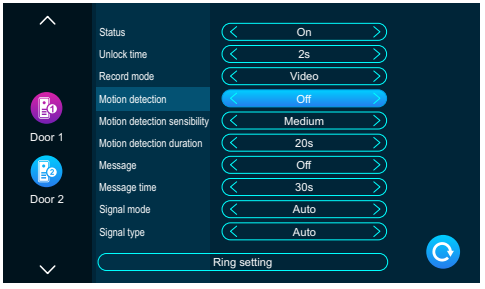
【Keytone】Indicates whether there is a button sound when operating the indoor monitor.

【Motion Detection Preview】If turned ON, a detected image is displayed on the indoor monitor, when motion detection is triggered. If the preview is turned OFF, no image is displayed, but the background recording still runs.

【Ringback】Indicates that the ringing sound of the door station can be turned on or off.

【Indoor Unlock Time】Indicates the unlocking time of the indoor monitor. The range is 1s-10s, and the default is 2s.

2.2 Door Station Setting



This interface can set the parameters of Door Station 1 and Door Station 2 respectively.

【Status】 Indicates the status of this channel. If set to on, the Door Station can be used normally. If set to off, the Door Station is disabled. The enable switch of the Door Station 1 is not adjustable and cannot be turned OFF.

【Unlock Time】 Indicates the unlocking time of the Door Station. The range is 1s-10s, and the default is 2s.

【Record Mode】 There are two recording modes, Record and Snapshot. Record means that when a visitor presses the call button of the Door Station, the indoor monitor with the MicroSD card automatically starts recording until the end of the call or the user presses the hang up button to manually stop. Snapshot means that when a visitor presses the call button of the Door Station, the indoor monitor with the MicroSD card automatically captures the photo of Door Station camera, and the user can also manually press the setting button to continuously capture.

【Motion Detection】 Indicates whether to detect and record when an object moves in front of the device.

【Motion Detection Sensibility】 Indicates the sensitivity of motion detection. Including low, medium and high, low: indicates that the motion detection is difficult to trigger; medium: indicates that the motion detection is easier to trigger; and high: indicates that the motion detection is easy to trigger.

【Motion Detection Duration】 The recording time of motion detection can be set to 1-5 minutes, and the default is 1 minute.

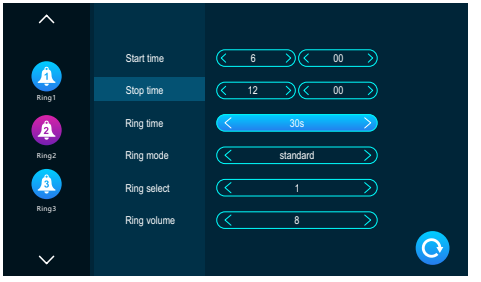
【Message】 Indicates that if a visitor calls the indoor unit, the resident is not at home or fails to answer whether to prompt the guest to leave a message and record the message. This switch is turned off by default.

【Message Time】 Indicates how long the visitor can leave a message after entering the message state. Can be set to 30s, 60s, 120s, the default is 30s.

【Signal Mode】 It is divided into three modes: Auto, PAL and NTSC. When set to Auto, the indoor monitor will automatically detect the video signal type of the Door Station.

【Signal Type】 There are seven signal types: AHD1080, AHD720, CVBS, CVI1080, CVI720, TVI1080, and TVI720. If the signal system is set to PAL or NTSC, these seven types can be selected and used together. If the signal system is set to Auto, the signal type is not selectable and is fixed to the Auto signal type.

【Ring Setting】 Here you can set the ringing duration, ringing mode, ringtone selection, ringer volume of the corresponding channel for different time of day.



Ringtone 1 default time period is 6:00-12:00, ringtone 2 default time period is 12:00-18:00,ringtone 3 default time period is 18:00-6:00, time period is adjustable.

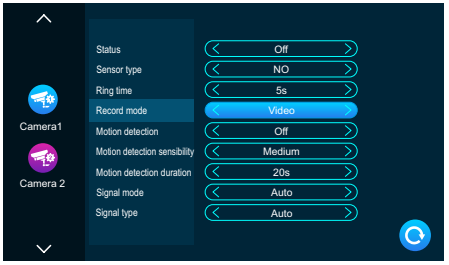
【Ring Time】 When a Door Station calls the Indoor Monitor, the ringing period is 5 to 45 seconds. The default period is 30s.

【Ring Mode】 It has Standard mode and Customized mode. The Standard mode means that the default ringtone in the indoor unit is used as the calling ringtone; the Customized mode means that the ringtone in the MicroSD card is used as the calling ringtone (the ringtone here needs to be placed in the "\USER\Ring" folder in the MicroSD card, this folder is in the MicroSD card is automatically created when it is inserted into the indoor unit, or can be created manually on the PC side.)

【Ring Volume】 Sets the ringer volume and button volume of the indoor monitor, ranging from 1-10. The default is 7.

【Ring Select】 In Standard mode, there are 12 ringtones to choose from. The default is the first ringtone. In Customized mode, you can select a ringtone from the "\USER\Ring" folder.

2.3 Camera Setting



【Status】Indicates the status of this channel. If set to On, the camera can be used normally. If set to off, the camera is disabled.

【Sensor Type】The CAM1, CAM2 channels correspond to the I/O status (see the status description below), which means that when an alarm is triggered, it activates the corresponding channel to initiate an alarm log or capture a snapshot.

I/O status type

【Normally Open】Under normal conditions, the sensor is kept at a constant low voltage. If the output voltage goes from low to high, an alarm is triggered.

【Normally Closed】Under normal conditions, the sensor is kept at a constant high voltage. If the output voltage goes from high to low, an alarm is triggered.

【Off】If the external sensor alarm is not used, set I/O to "Off".

【Alarm Time 】Indicates the ringing duration after the CAM triggers the alarm. The time range is 1-20s and the default is 5s.

【Record Mode】There are two recording modes: Record video and Snapshot. Record means that when an alarm is triggered, the indoor monitor with the MicroSD card automatically starts recording until the alarm ends or the user presses button to stop manually. Capture is when the alarm is triggered, the indoor monitor with the MicroSD card automatically captures the photo of the camera. The user can also manually press button to capture continuously.

【Motion Detection】Indicates whether to detect and record when an object moves in front of the device.

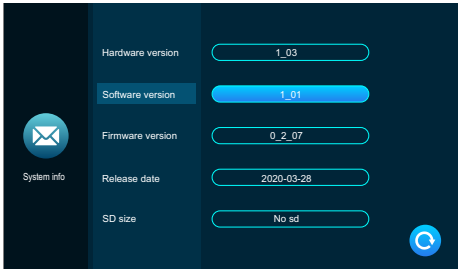
【Motion Detect Sensibility 】Indicates the sensitivity of motion detection. Options are Low, Medium & High. "Low" denotes difficult to trigger motion detection, whereas "High" denotes easy to trigger motion detection.

【Motion Detect Duration 】The recording time of motion detection can be set to 10s-5 minutes, and the default is 20s.

【Signal Mode 】There are three modes: Auto, PAL, and NTSC. When set to Auto, the indoor monitor automatically detects the camera's system.

【Signal Type 】There are seven signal types: AHD1080, AHD720, CVBS, CVI1080, CVI720, TVI1080, and TVI720. If the signal system is set to PAL or NTSC, these seven types can be selected and used together. If the Signal Mode is set to Auto, then the Signal Type can not be changed from Auto.

2.4 System Info



【Hardware Version】Indicates the version number of the current hardware.

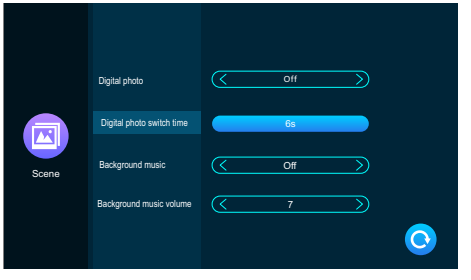
【Software Version】Indicates the current software version number.

【Firmware Version】Indicates the current MCU version number.

【Release Date】Indicates the release date of the current indoor monitor software.

【MicroSD Size】Indicates the total and remaining space on MicroSD card. Displays "No SD" when no MicroSD Card had been inserted.

2.5 Scene Setting



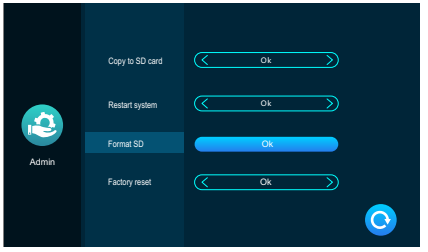
【Digital Hoto】Indicates whether to open the digital photo frame. After the digital photo frame is turned on, the indoor unit will play the pictures in the MicroSD card after returning to the standby mode (only for models with MicroSD Card, user to load the picture files into the "\USER\Photo" folder of the MicroSD Card) (Only for models with MicroSD card slot).

【Digital Photo Frame Time】Indicates how long each picture is shown when the Digital Photo Frame Mode is active.

【Background Music】Indicates whether the Background music is played while in Standby mode. An MicroSD Card must be inserted with MP3 music files in the "\USER\BgMusic" folder of the MicroSD Card). (Only for models with MicroSD card slot).

【Background Music Volume】Indicates the volume of the background music, the volume range is 1-10 (1=Softest, 10=Loudest volume).

2.6 Admin Setting



【Automatic Storage Function】 If no MicroSD card had been inserted, the pictures captured automatically for every call, alarm or motion detection is stored in onboard Flash Memory. If manual capture is triggered, the image is also stored as an event record in the onboard Flash Memory. This function will only capture images, but not record video. The storage automatically space of the onboard Flash memory is about 5MB. Previous records will be overwritten when the memory is full.

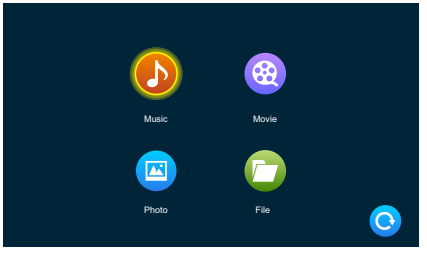
【Copy To SD Card】When selected, tap “Yes” to confirm copying all video files from internal Flash Memory to MicroSD Card.

【Restart System】On selection, the user will be prompted to confirm whether to restart the system. Tap “Yes” to reboot the indoor monitor.

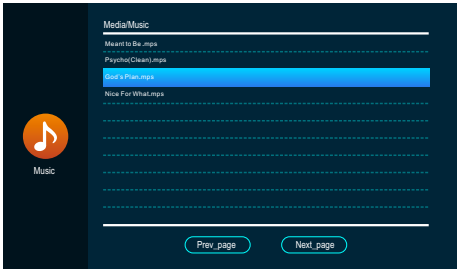
【Formatting SD 】On selection, the user will be prompted to confirm whether to format the MicroSD Card. Tap “Yes” to format the MicroSD Card.(WARNING:All information on the MicroSD Card will be deleted).
If successful, the messages “Format successful” & “MicroSD insert successful” will be displayed.
If no MicroSD card is inserted, a “No MicroSD card” error message is displayed.

【Factory Reset】On selection, the user will be prompted to confirm whether to Factory Reset the monitor. Tap “Yes” to reset monitor to factory defaults. The monitor will reboot after resetting.

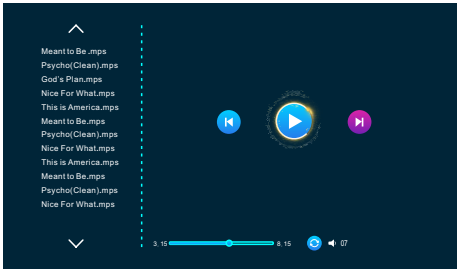
3 Multi-Media



3.1 Music



In the Media interface, click on the Music icon to see a list of music files. In the music player interface, you can see the music list, function buttons, playback mode, play progress, and volume.



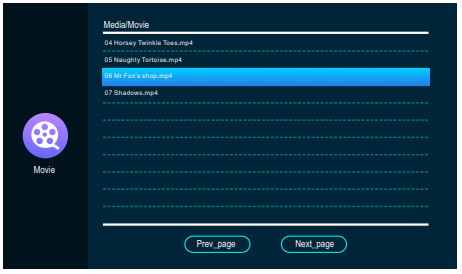
Last song	Next song	Pause	Play
Full Cycle	Single Cycle	Sequential Play	Random Play

1. Select the Playback mode. The mode changes with every tap on the icon.
2. Tap on the Volume icon to show the Volume slider. Adjust the volume by dragging the slider up or down. The volume range is 0-10, and the default volume is 7.
3. During playback, drag the progress bar cursor to fast forward or rewind.

NOTE:

1. Place your MP3 Music files in the “\USER\Music” folder on the MicroSD Card. The monitor will automatically detect & display these files.
2. If a visitor presses the doorbell, or an alarm triggers during playback, the playback will stop and the monitor will switch to the activated Door Station or Camera.

3.2 Movie



On the Media page, select a movie file to playback from the movie file list.

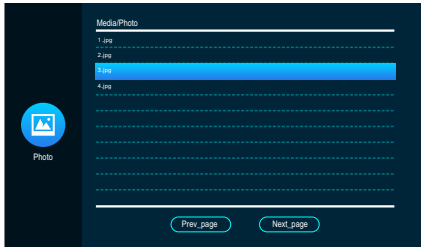


1. During playback, tap the middle of the screen to show the playback control icons. Drag the progress bar indicator to fast forward or rewind.
2. Tap on the Volume icon to show the Volume slider. Adjust the volume by dragging the slider up or down. The volume range is 0-10, and the default volume is 7.

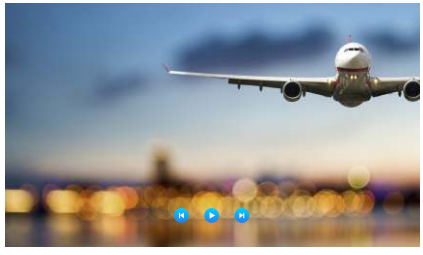
NOTE:

1. Save the video in the “\USER\Movie” directory of the MicroSD card.
2. If a visitor presses the doorbell, or an alarm triggers during playback, the playback will stop and the monitor will switch to the activated door station or camera.
3. Movie playback loops continuously through the list. When a movie playback is completed, the next movie will start automatically. If there is only one movie, that file will be played repeatedly.

3.3 Photo

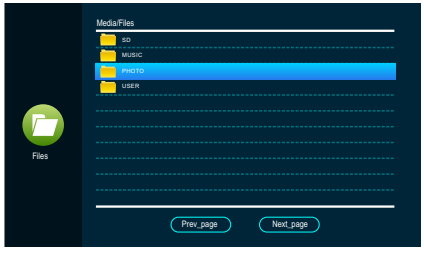


In media interface, enter the photo menu to see the list of photo files.

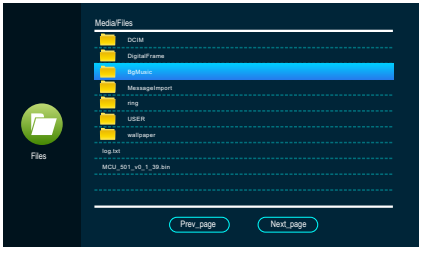


1. When the picture is played, the next picture will be played automatically, unless the playback is paused (the time for switching the next picture is the same as the time for switching the digital photo frame).
2. After the function button is called up, press to stop playback. Then press or to play the previous or next picture. Press the back button to return to the picture list. (Click any button to call up the function button)
3. Put pictures to “Photo” folder in “USER” folder of microSD card, then could be displayed on the monitor.

3.4 Files Management



In the Media screen, tap “File” to show the MicroSD Card folder. Tap on “SD” to see its subfolders. The following folders are automatically generated by the Monitor (in the \USER directory): “MessageImport”, “BgMusic”, “Ring”, “Music”, “Movie” & “Photo”. Note: The “DOORBELL” folder is auto-generated in the main root directory, and is only visible when using a computer to access the MicroSD card.



【“Photo” Folder】Save pictures for display by the Digital Photo Frame.

【“BgMusic” Folder】Store background music files for indoor monitor.

【“MessageImport” Folder】The message customization function allows the user to set the user defined leave message alert tone.

1. Store the recorded voice file in this folder.
2. In the file manager, find and click the file, and then automatically import it to flash to replace the default message alert tone.

Note: The voice file request is in mp3 format, and the file size is up to 2M.

【“Ring” Folder】Stores user defined ringtone files for indoor monitor.

【“DOORBELL” Folder】There are four folders in this folder, namely “ALARM” folder, “CALL” folder, “MD” folder, “MSG” folder.

【“ALARM” Folder】Stores the records after the indoor monitor triggers the alarm.

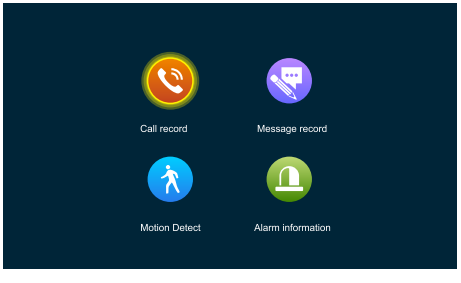
【“CALL” Folder】Stores the call history of the indoor monitor and the door station.

【“MD” Folder】Stores the motion detection record of door station.

【“MSG” Folder】Stores the message record of the indoor monitor.

All the records of the above four folders can be seen in the Event menu.

4 Events



The Event menu shows the Call History, messages, motion detection and alarm events. Record details include Time, Device type and Read-status.

【Calling Record】

1. Automatic snapshot or recorded video when any Door Station calls.
2. Manually captured snapshots or recorded video, while a Door Station is active or being monitored.

【Message Record】

When the message switch is turned on, the video is automatically recorded from the beginning of the call when the call is not answered.

【Motion Detection Record】

1. Automatically captured pictures or record when motion detection occurs on all Door Station and cameras.
2. Manually captured snapshots or recorded video, when motion detection is triggered by a Door Station or camera.

【Alarm information Record】

1. Automatically captured snapshots or recorded video, when an alarm is triggered by a camera.
2. Manually captured snapshots or recorded video, when an alarm is triggered by a camera.
3. Note: After selecting the record, long press will display the open, delete, delete all, and close. In the record list, click the previous or next page to turn the page.

5 At home, Away, Silent mode

1). At home mode: normal working mode.
2). Away: after visitor call, directly enter into the voice message mode.
3). Silent mode: in normal working mode, there is no ring or prompt sound when calling.

6 Unlock/lock

Open the lock connected to the active door station.

7 Standby

Return to standby page.

8 Pictuer parameter setting

When a door station calls, tap to display the Picture Parameters controls. Adjustable parameters include: Call Volume, Brightness, Contrast and Saturation. Adjust a parameter by dragging its cursor.

Note: The picture parameters can also be changed whenever live video is displayed; eg. when monitoring a door station, or viewing motion detection video.



Parameters setting include: intercom vulume, brightness, contrast, saturation.

【Intercom Volume】The value can be set from 0 to 10, the default is 07.

【Brightness】The value can be set from 0 to 50, default value is 25.

【Contrast】The value can be set from 0 to 50, the default is 25.

【Saturation】The value can be set from 0 to 50, the default is 25.

PARAMETER OVERVIEW

Product Type	CVBS Video Input
Monitor	7" / 10"TFT LCD
Resolving power	1024*600
System	PAL/NTSC system
Intercom Mode	Analog call: half duplex
Power Consumption	Max.1200mA
Power	External power DC 12V; Internal power AC100-240V
Operating temperature	0~+50℃
Installation	Surface mount
SD Card Capacity	2GB~128GB class 10TF card (Micro SD) Note: read/write speed ≥Class10
Video Input Signal	CVBS
Motion Detection	4 channel motion detection
System	Support 6 indoor unit + 2 outdoor station+ 2 CCTV cameras
Function	Unlocking/Monitoring/Internal intercom/Transfer Call/History

ALARM INSTRUCTIONS

Terminal and GND is shorted, the alarm is activated, the speaker of the indoor unit rings and continues 120s, during this time, click to stop alarming and enter to standby mode.

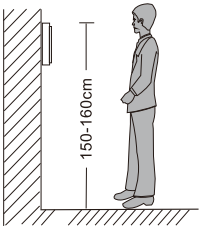
For the models with SD card, simultaneously, triggers recording or snapshotting (related to the system settings). The recording time is 120s, during this time, click to stop alarming and enter the standby mode.

Connection diagram:

Be applicable to connect 2 normally closed (NC) or normally open (NO) alarm inputs.
2 camera channels of alarm input without limitations on input type (can either be the normally open type or the normally closed type).
ALM terminal of the alarm detector is connected in parallel with the ALM terminal (The alarm detector shall be supplied by external power supply).
Ground terminal of the alarm detector is connected in parallel with the GND terminal of the camera.
For NO alarm inputs, when the GND and ALM are in the connection state, it will trigger the alarm.
For NC alarm inputs, when the GND and ALM are in the disconnect state, it will trigger the alarm. It applies to any alarm sensor.

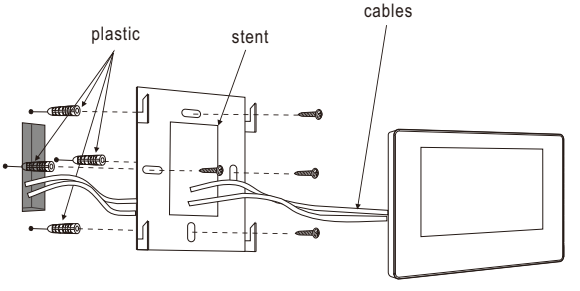
INSTALL THE INDOOR MONITOR

Note:

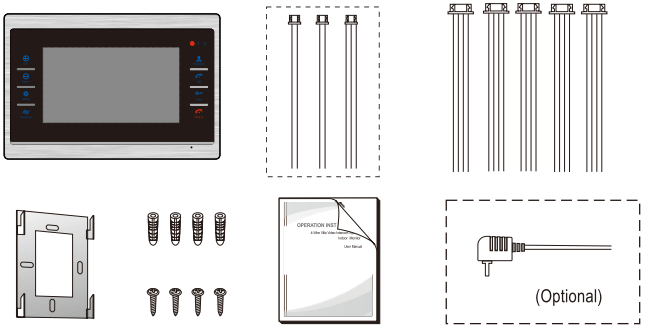


- Please be far from the devices with intense radiation: TV, DVR, etc.
- Do not disassemble privately to avoid the electric shock.
- Do not drop, shake or knock the device, otherwise will damage the elements.
- Choose the best position to install, the horizontal view is 150cm.
- Please power down before installation.
- Keep at a distance of more than 30cm with AC power to avoid interference.
- Away from the water, magnetic field and chemicals.

How to install the indoor monitor



ACCESSORIES



Indoor Monitor Accessories

- Indoor monitor ---------- 1pcs
- Plastic Anchors ---------- 4pcs
- Screws ---------- 4pcs
- Bracket ---------- 1pcs
- 4 Pin line ---------- 5pcs
- 3Pin line ---------- 1pcs
- 2 Pin line (optional, please take actual model as quasi) ---------- 2pcs
- User manual ---------- 1pcs
- External power adapter (optional) ---------- 1pcs

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