



201011

ACCENT 2

**FHD VIDEO INTERCOM SYSTEM
INDOOR MONITOR**

USER MANUAL

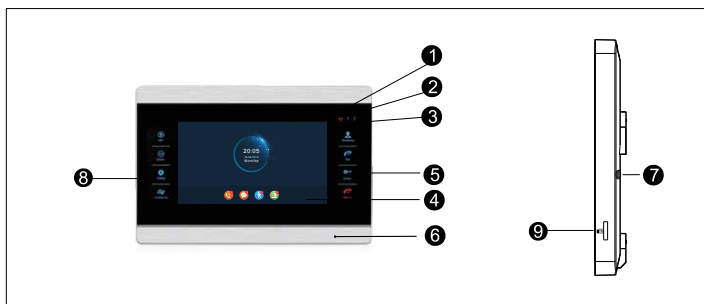
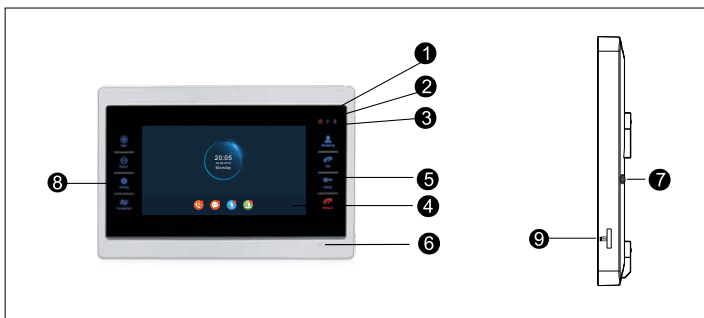
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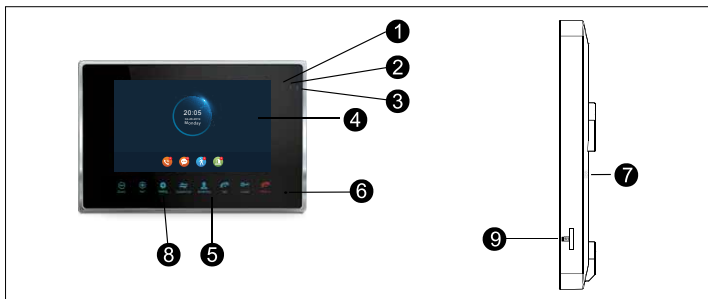
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INDOOR MONITOR SPECIFICATION

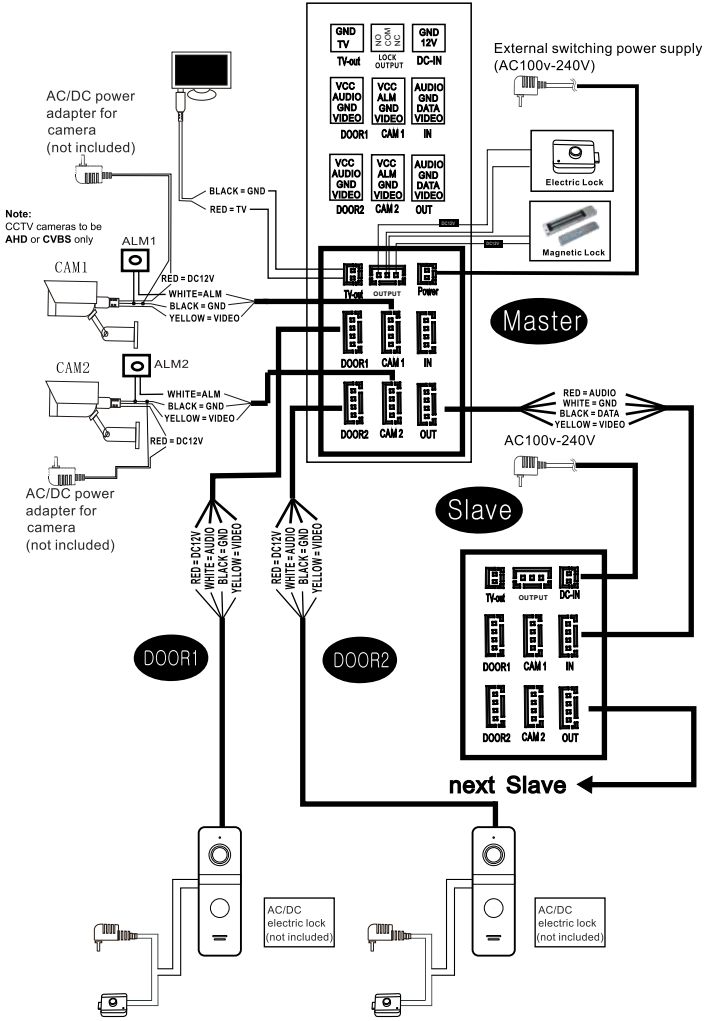
Note: The following are diagrams of all of the available indoor unit models, not all models have the same layout or features, please take actual model as quasi.



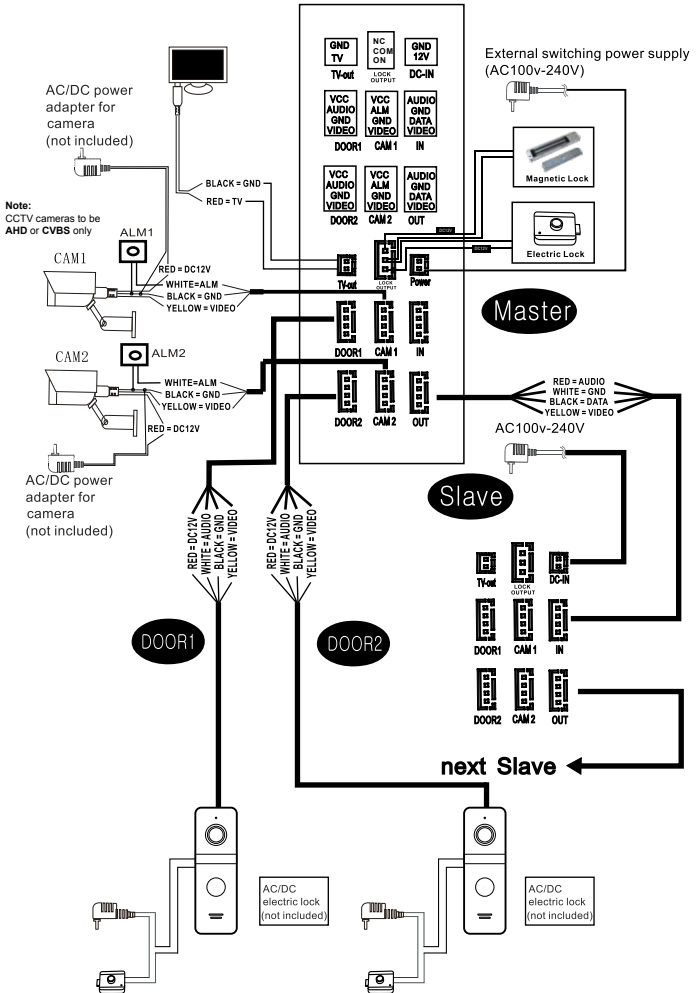


NO.	Name	Descriptions
1	LED 1	Power LED
2	LED 2	Door 1 LED
3	LED 3	Door 2 LED
4	TFT display	View visitor's image displayed on the TFT screen
5	Operation button	Human body sensor touch buttons
6	Microphone	Transmit the voice to outdoor camera
7	Speaker	Sound from outdoor camera
8	Settings button	Menu button and confirm button
9	SD card slot	For the models with SD card, Insert the SD card for recording

















FHD20 GENERAL WIRING DIAGRAM



FHD20-84706 WIRING DIAGRAM
















DESCRIPTION ON SYMBOL



Model	84701/84702/84704 84101/84102/84103 84104/84714	84706	
Decreasing button	 Down	 Scroll down	<ol style="list-style-type: none"> 1. Move the cursor to the specific option. 2. To reduce the value. 3. To fast-forward or rewind when playing video or music.
Increasing button	 Up	 Scroll up	<ol style="list-style-type: none"> 1. Move the cursor to the specific option. 2. To adjust and increase the value. 3. To fast-forward or rewind when playing video or music.
Setting button	 Setting	 Setting	<p>Double function key: main menu/confirming</p> <ol style="list-style-type: none"> 1. In stand-by mode, press this button once to enter main menu. 2. Working as confirming key in main menu: press it to set up the parameter after selected the specific option. 3. In Media and Event interface, long press it to open dialog box of "Open/Delete/Delete all/Close", then select and press it again to confirm.
Transfer button	 Transfer Call	 Transfer Call	<p>Internal Calling and Call Transfer</p> <ol style="list-style-type: none"> 1. In standby mode, long press it to select the Extension for internal calling. 2. In intercom mode, long press it to transfer the call to other extension. 3. In intercom mode, short press it to open or close the function keys.
Monitoring	 Monitoring	 Monitoring	<ol style="list-style-type: none"> 1. To monitor the cameras and doorbells. 2. In Media and Event menu, press it to return to previous page.
Talk button	 Talk	 Talk	<ol style="list-style-type: none"> 1. Pick up the call and 2 way talk with visitor. 2. In Monitor and Motion Detection modes, press it for 2 way talk. 3. In Media and Event menu, press it to go to next page.
Unlock button	 Unlock	 Unlock	<p>Enter main menu or unlock</p> <ol style="list-style-type: none"> 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 button	 Hang up	 Hang up	<ol style="list-style-type: none"> 1. In Intercom, Alarm, Monitor or Motion Detection modes, press it to hang up and enter to standby mode. 2. In any menu, press it to return to previous page. 3. When the clock is on and digital photo frame is closed and no operation for 1 minute, the screen will be closed automatically, at this time, press it to enter the clock interface.


DESCRIPTION ON SYMBOL

When calling or monitoring operation, a line of function buttons will appear below the indoor monitor, as follows:


Monitoring button		Monitor camera and outdoor panel's image.
Snap button		Snap the screen displayed by the outdoor panel and camera.
Recording button		Start or stop recording the screen displayed by the outdoor panel and camera.
Outdoor panel unlock button		Move the cursor to "  " when calling, detecting, or monitoring and press the set key to open the doorlock which connect to outdoor panel.
Indoor monitor unlock button		Move the cursor to "  " when calling, detecting, or monitoring and press the set key to open the doorlock which connect to indoor monitor.
Screen Setting		Adjust the volume, brightness, contrast and color saturation.
Transfer call		During the conversation between the outdoor panel 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 key		1. Answer the visitor's call and dialogue. 2. When monitoring, press the answer key to talk to the outdoor panel.
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.

INSTALLATION NOTE

-  The electric lock/alarm/camera is not included in the package, you can purchase an electric lock which is suitable for actual requirement.
-  In the standard delivery the system supports locks with Normally Open (N.O.) door unlocking method. It means that in the normal state the dry contact is opened so the lock is kept under constant closed state. If the unlocking push-button is pressed and the dry contact is changed to closed, then the lock is released.

 Indoor machine power with a built-in power or an external power optional. Please refer to actual control using. If the indoor machine with a built-in power source, applicable to wide voltage range (AC100V-240V). Please first pull out the AC power plug before installation of device (shown as below).



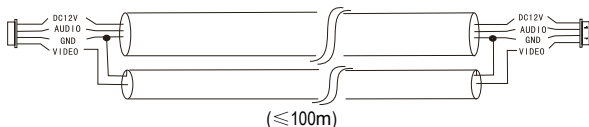
-  Use and selection of wire, please refer to the following.(The actual effect and the quality of wire rod has the very big relations)

1. 4C ordinary unshielded and shielded wire connection mode:

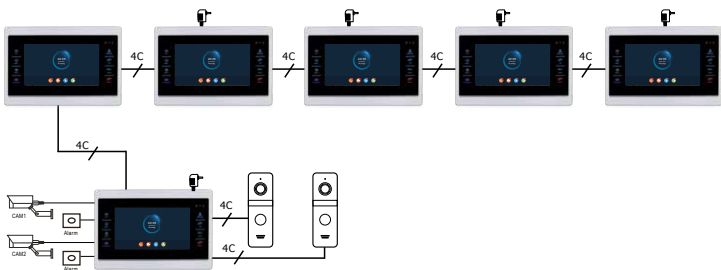
Distance $\leq 10\text{m}(4 \times 0.2\text{mm}^2)$;



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



WIRING DIAGRAM



OPERATION INTRODUCTION

◆ VISITOR CALL

Standby mode

The visitor press the call button on outdoor camera 1



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

The visitor's image automatically displayed on the screen

Press the **talking** button on indoor monitor



Stop ringing

Start conversation with outdoor camera

The conversation duration is 120s at a time

Press the **unlock** button on indoor monitor



release the door lock

The visitor press the call button on outdoor camera 2



NOTICE:

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

NOTICE:

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

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

Press the **hang up** button on indoor monitor



End

NOTICE:

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 SD card will record the video from call to end of talk. (The record mode is video)
4. The monitor which with SD card will make a snapshot while outdoor 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 outdoor station call to indoor monitor or trigger alarm signal will have prompt word and voice.
7. Please use one outdoor station call monitor at a moment, the second outdoor station will not ring if another one already making call.
8. In operating mode, outdoor station call to monitor, monitor will interrupt the operating mode and enter the call mode.

CALL TRANSFER TO OTHER EXTENSION

Internal communication function requires at least two indoor and one outdoor units to be connected.

Outdoor camera call indoor monitor and conversation is underway

keep pressing  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 units



Talking with visitor




The Electric lock can be opened








End the call and return to standby mode.



 **NOTICE:**

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 UNITS

At least 2 indoor units is required.

Standby mode

Keep pressing the **Transfer Call** button



Select a extension which you want



▼ The called slave monitor will get ring tone

Press the **talking** button on called of indoor units







Start conversation among indoor units

Press Hang up button



End

 **NOTICE:**

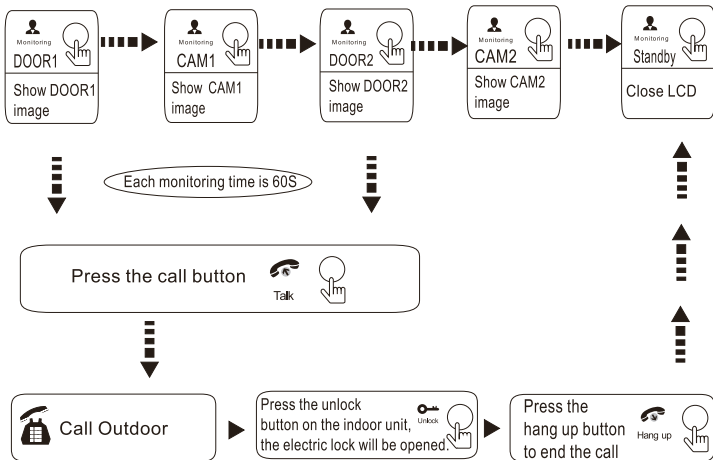
Press the button “” or “” upward or downward to select the extension, then press “” to confirm.

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



i NOTICE:

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 2 monitors, both master one and slave one can do monitor meanwhile, but all of them will show same image from outdoor.
3. Talk with outdoor 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 outdoor panel 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. On standby status, press setting button> setting> door setting> camera setting> choose device > press setting button to start set motion detection status, press increasing or decreasing button to switch motion detection.
2. On standby status, press setting button>setting>System setting>press setting button choose MD option switch, press increasing button or decreasing button to turn on pre-view motion detection.
3. Enable door station or camera motion detection, on standby status, motion detection will activated if someone move in front of door station or camera. if monitor turn on motion detection pre-view function, monitor will open display and show image while recording; if monitor turn off motion detection pre-view function, monitor will not show image while recording(but will make record in backstage, can check the picture or video on record history).

Motion detection with following conditions:

1. While only turn on 1 channel motion detection, for example door1, if there is someone move in front of door1, door1 motion detection will activated. If other device motion detection not activate if also have something move in front of them.
2. While more than 2Channel motion detection turn on, the device which detect first will activated motion detection first, the other device need to wait the first device end of motion detection then can activated.
3. If monitor with SD card, it will make snapshot or record video automatically while motion detection activated.
4. During digital photo frame running: if motion detection pre-view turn on, the digital photo frame will stopped and switch to motion detection status while motion detection activated; if motion detection pre-view off, digital photo frame will interrupted and remind "Motion detection happened" while motion detection happened.

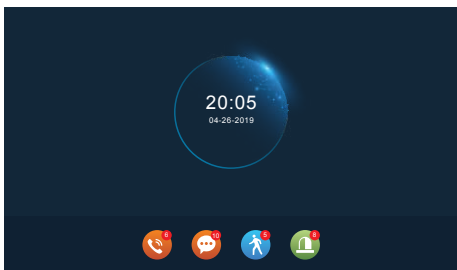
Note: Door station and CAM motion detection record duration default 20seconds, 20seconds it will end motion detection automatically while time is up.


STANDBY MODE

Standby mode: clock mode, digital photo frame mode.

1. Clock Mode

Clock mode interface include 2 part: year/month/date/hour/minute; Talk record/ message record/ motion detection record/alarm record for shortcut key.



- 1). On menu mode, monitor will back to standby status in 1min if without any operating. (besides play music, video and picture).
- 2). On clock mode, display close in 1min if without any operating.
- 3). In standby mode, press  button to wake up the screen and enter the Clock status. (In condition that the Clock is on and digital photo frame function is off.)
- 4). If user has unread call history, message, motion detection record, alarm record, then it will has a specific icon on the standby screen shows unread message amount.
- 5). In clock status, user can press increasing button and decreasing button to move the cursor to select a shortcut, and press Setting button to confirm and enter the specific record interface to check the message.

2. Digital Photo Frame Mode





digital photo frame mode will play the pictures in SD card in standby mode.

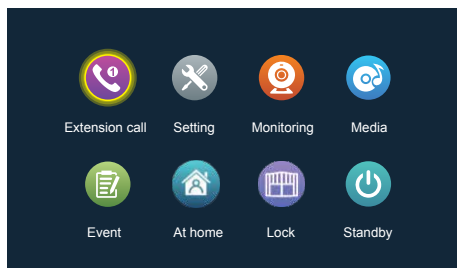


NOTICE:

When insert SD card in to monitor SD card slot, the system will create a “Digital Frame” folder, user need to put the pictures into this folder before system play them.

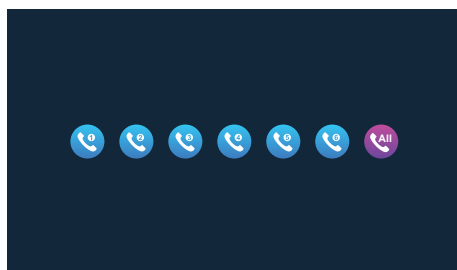
MENU OPERATIONS

In standby mode, press “” to enter the main menu. The main menu include: Call Extensions, Setting, Monitoring, Multi-Media, Event, At Home, Lock-up, Standby. Press “” and “” to move the cursor to the option, press “” to back standby mode.

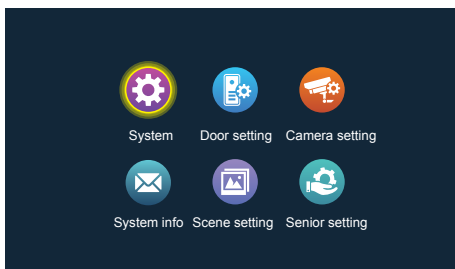


1.Call Extensions

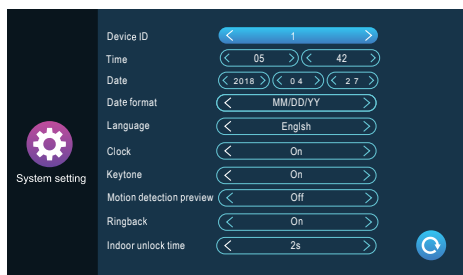
After entering this page, you can see 6 icons. The first five are other extensions except the local device. If user selects one of them to call, user can talk to the other extension (indoor unit). The sixth icon is to call all indoor units. After selecting this icon to call, all indoor units will ring, only one indoor unit can answer the call and make intercom.



2. Setting



2.1 System Setting



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

【Time and date】 The time is 24-hour system, user can set hour, minute. Date can set year, month, day.

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

【Language】 include multiple languages.

【Standby clock switch】 Indicates whether the clock is turned on during standby. If it is off, it will be black when it returns to standby from the main menu interface.

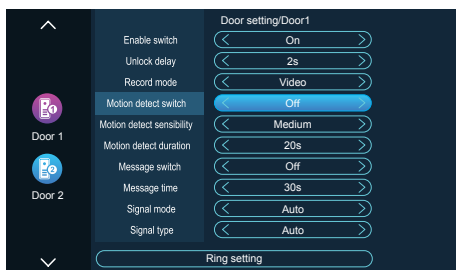
【Keytone switch】 indicates whether there is a button sound when operating the indoor unit.

【MD preview switch】 Indicates whether the detected image is displayed on the indoor unit when the motion detection triggers. If the preview is turned on, the detected image will displayed on the indoor unit; the preview is off, the detected image will not displayed, but the background recording is still performed.

【Ringback】 indicates that the ringing sound of the outdoor unit can be turned on or off.

【Indoor unlock delay】 Indicates the unlocking time of the indoor unit. The range is 1s-10s, and the default is 2s.

2.2 Outdoor Station Setting



This interface can set the parameters of outdoor station 1 and outdoor station 2 respectively.

【Enable switch】 Indicates the status of this channel. If set to on, the outdoor station can be used normally. If set to off, the outdoor station is disabled. The enable switch of the outdoor station 1 is not adjustable and can only be turned on.

【Unlock delay】 Indicates the unlocking time of the outdoor 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 outdoor station, the indoor monitor with the SD 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 machine, the indoor monitor with the SD card automatically captures the photo of outdoor station outdoor station camera, and the user can also manually press the setting button to continuously capture.

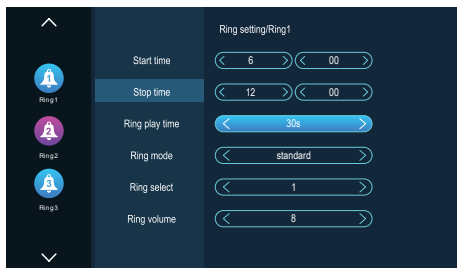
【Motion detect switch】 Indicates whether to detect and record when an object moves in front of the device.

【Motion Detect 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 10-300 seconds, and the default is 20 seconds.

【Message switch】 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.

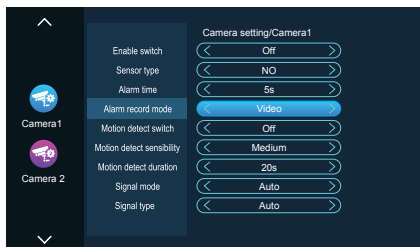
- 【**Message time**】 Indicates how long the visitor can leave a message after entering the message state. Can be set to 30s, 60s, 120s, the default is 30s.
- 【**Signal system**】 It is divided into three modes: Auto, PAL and NTSC. When set to Auto, the indoor monitor will automatically detects the standard of the outdoor station.
- 【**Signal type**】 There are seven signal types: AHD1080, AHD720, CVBS, CVI1080, CVI720, TVI 1080, 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 in different time periods.



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

- 【**Ring Play Time**】 When the outdoor station calls the indoor monitor, the time period from beginning to stop to ring. The time range is 5s-45s, the default is 30s.
- 【**Ring Model**】 has standard mode and user-defined mode. The standard mode means that the default ringtone in the indoor unit is used as the calling ringtone; the custom mode means that the ringtone in the SD card is used as the calling ringtone (the ringtone here needs to be placed in the "Ring" folder in the SD card, this folder is in the SD card is automatically created when it is inserted into the indoor unit, or can be created manually on the PC side).
- 【**Ring Select**】 In standard mode, there are 12 ringtones for optional; the default is the first ringtone. In user-defined mode, you can select the ringtone in the "Ring" folder as the call ringtone here.
- 【**Ring Volume**】 Here you can set the ringer volume and button volume of the indoor monitor, ranging from 1-10. The default is 7.

2.3 Camera Setting



【Enable switch】 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.

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

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

【Motion Detect 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 detect duration】 The recording time of motion detection can be set to 10-300seconds, and the default is 20 seconds.

【Signal mode】 There are three modes: Auto, PAL, and NTSC. When set to Auto, the indoor opportunity 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 system is set to Auto, the signal type is not selectable and is fixed to the Auto signal type.

2.4 System Info



【Hardware version info】 indicate the version number of the current hardware.

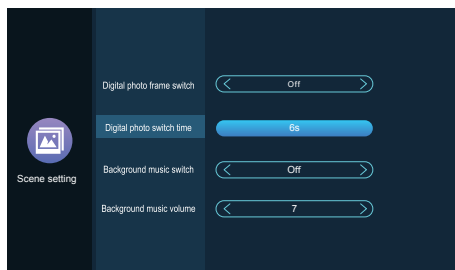
【Software version】 indicate the current software version number.

【Firmware version】 Indicate the current MCU version number.

【Release date】 Indicate the release time of the current indoor monitor software

【SD remain space】 Indicate the remaining space and total space of the current SD card, display No sd when no SD card is inserted.

2.5 Scenario Setting



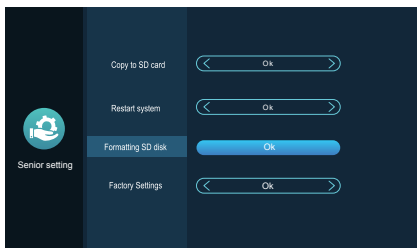
【Digital photo frame switch】 Indicate whether to open the digital photo frame. After the digital photo frame is turned on, the indoor unit will play the picture in the SD card after returning to the standby mode (only for models with SD card, user need to put the picture file in the "Digital Frame" folder in the SD card).

【Digital photo frame time】 indicates the time when the indoor unit is in the digital photo frame state, how long a picture is played.

【Background music switch】 Indicates whether background music is on in standby mode. The background music can be played when the background music switch is turned on and the indoor unit needs to insert an SD card. (Only for models with SD card, user needs to put MP3 music files in the "BgMusic" folder in the SD card)

【Background music volume】 indicates the volume of the background music, the volume range is 1-10.

2.6 Advanced Setting



【Automatic storage function】 If no SD card inserted, B20 will capture a snapshot as event record every time when calling, alarm or motion detection, store in the FLASH. If user capture manually, system will also auto save a snapshot in FLASH.

Note: This function can only capture photo, it can't record video. The FLASH capacity is about 5MB, when the FLASH use up it will over write the previous record.

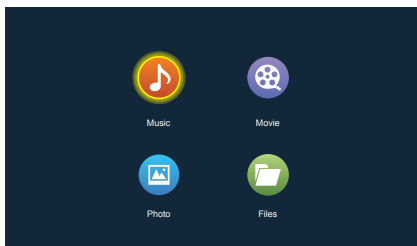
【Copy to SD card】 Press the setting button to confirm whether it will be copied to the SD card. Click "Yes" to upload the flash image to the SD card and the prompt box will prompt you copying. After the copy is successful, the prompt box will be automatically quit; click "No" to exit the prompt box.

【Restart system】 After confirming by pressing the Setting button, you will be prompted to restart the system. Click "Yes" to restart the indoor monitor.

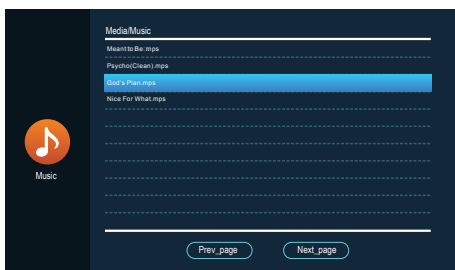
【Formatting SD disk】 Press the Setting button to confirm whether to format SD card. Click "Yes", the indoor monitor will format the SD card and prompt "Formatting***". After successful, it will prompt "Format successfully" and "SD card inserted successfully." If the SD card is formatted without an SD card in the indoor monitor, it will prompt "No SD card".

【Factory setting】 After confirming by pressing the setting button, it will prompt whether to restore the factory settings. Click "Yes" to restore factory and prompt "Restore factory settings successfully, the system will restart soon".

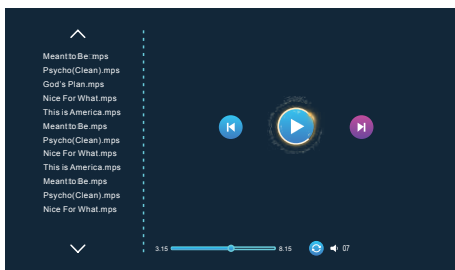
3 Multi-Media











3.1 Music



In the multi-media interface, Enter the music menu to see the list of music files, and use the Increasing button or Decreasing button to select the music to play. In the music player interface, you can see the music list, function buttons, playback mode, play progress, and volume.



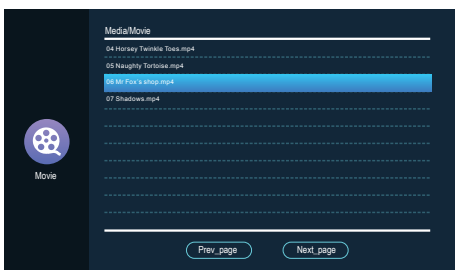
			
Last song	Next song	Pause	Play
			
Full Cycle	Single Cycle	Sequential Play	Random Play

1. Move the cursor to select button with the Increasing button or decreasing button and press the Setting button to confirm. (This setting applies to the previous, next, pause, play)
2. Use the Increasing button or decreasing button to move the cursor to select the playback mode, and press the setting button to switch.
3. Move the cursor by increasing button or decreasing button to select volume, by pressing the setting button to confirm and press increasing button or decreasing button again to adjust volume. The volume range is 0-10 and the default is 07.
4. During playback, Long press add or subtract to fast forward or fast backward.

NOTICE:

1. User need to put MP3 music files in the "BgMusic" folder in this SD card to be found and displayed.
2. If a visitor calls the room or triggers an alarm during the playback, the playback will stop and switch to the outdoor station or camera screen.

3.2 Movie



In multi-media interface, Enter the movie menu to see the movie file list. By press Increasing or decreasing button to move the cursor to select the movie you want, by press setting button to confirm.

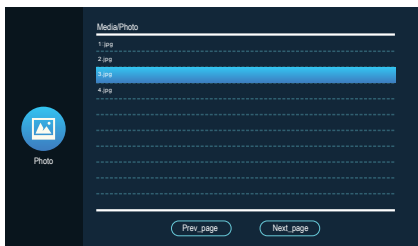


Long press the add or subtract key to fast-forward or rewind the movie. Short press the increasing and decreasing button or the setting button prompt playback progress and function buttons. The volume range is 0-10 and the default is 07.

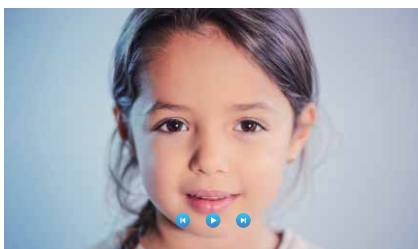
NOTICE:

1. Save the video in the root directory of the SD card.
2. If a visitor calls the indoor unit or triggers an alarm during the playback, the playback will stop and switch to the outdoor station or camera screen.
3. Movie playback is a list loop playback, after played one it will automatically play next part, it will not stop playing; if only one movie will repeat the same part.

3.3 Photos

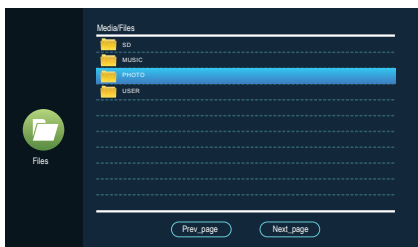


In the multi-media interface, Enter the photos menu to see the list of photos files, use the increasing and decreasing button to move the cursor to select the photo to be played, and press setting button to confirm.

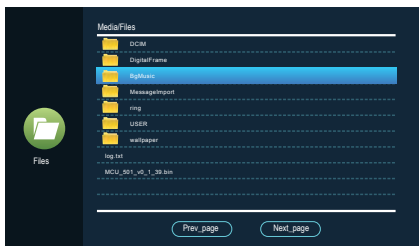


1. When the picture is played, the next picture will be played automatically, unless the playback is paused (the time for switching the next picture is the same as the time for switching the digital photo frame).
2. After the function button is called up, press the setting key to stop playback. Then press the increasing and decreasing button to play the previous or next picture. Press the hang up button to return to the picture list. (Click any button to call up the function button)
3. User need to put a photo file in the "Digital Frame" folder in this SD card to be found and displayed.

3.4 Files Manager



In the multi-media interface, click File to see the SD card folder. Enter the SD card to see the automatically created folder. The automatically created folders are "Digital Frame" folder, "Bg Music" folder, "Message Import" folder, "Ring" folder, "DOORBELL" folder (this folder is hidden in the indoor unit, only when it is plugged into the computer it can be seen.)



【"DigitalFrame" folder】 Save the picture of the digital photo frame

【"BgMusic" folder】 Store background music files for indoor units.

【"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】 Store user defined ringtone files for indoor units

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

【"ALARM" folder】 Store the records after the indoor unit triggers the alarm.

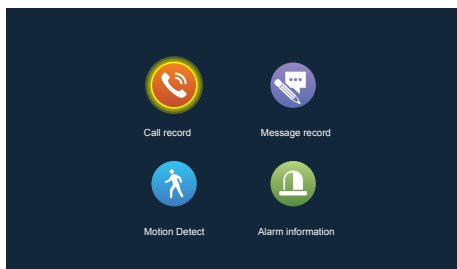
【"CALL" folder】 Store the call history of the indoor unit and the outdoor station.

【"M D" folder】 Store the motion detection record of outdoor station.

【"M SG" folder】 Store the message record of the indoor unit

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

4 Events



User can see the call history, message record, motion detection record, alarm record, and check the type, time, device, and read of the record.

【Calling record】

1. During any outdoor panel calling, automatically captures the picture or records the video.
2. During any outdoor panel calling or talking, automatically captures the picture or records the video.

【Message record】 during message record button opening, when no one answer it start automatically record from the beginning of the call .

【Motion detection record】

1. All outdoor panels and cameras automatically capture pictures or recorded video when motion detection start.
2. All outdoor panels and cameras automatically capture pictures or recorded video during motion detection.

【Alarm recording】

1. when camera alarming, picture captured or video recorded.
2. during camera alarming, picture captured or video recorded .



NOTICE:

1. After selecting the record, pressing the settings key for a long time will show the pop-up box open, delete, delete and close.
2. You can press the monitor key to go to the previous page and the answer key to go to the next page.

5 At home, Not at home, Sleep mode

- 1). At home mode: normal working mode.
- 2). Not at home mode: after visitor press call, directly enter into the voice message mode.
- 3). Sleep mode: in normal working mode, there is no ring or prompt sound when calling.

6 Unlock/lock

Open the lock connecting to the indoor unit

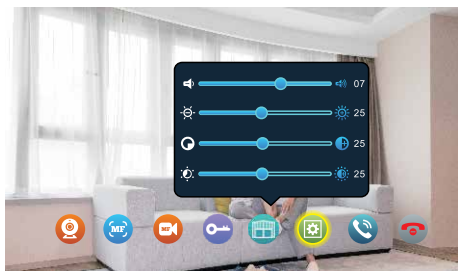
7 Standby

Return to standby page.

8 Picture parameter setting

Press the monitor button in the standby mode to monitor. Press the call button to pop up the function buttons during the monitoring, and move the cursor to select the screen settings. The screen setting parameters include: call volume, brightness, contrast, and saturation. Move the cursor to select option and press the setting button. When the number's color changed, press the increasing button to increase the value, press decreasing button to decrease the value. After setting, press the setting button again to confirm.

Note: Color parameter settings can be made on monitoring, calling, intercom, alarm screens etc.



【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	AHD 720P/1080P,CVBS Video Input,CVI Video Input, TVL Video Input
Monitor	7" TFT LCD/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; Built-in power AC100-240V
Operating temperature	0~+50℃
Installation	Surface mount
SD Card Capacity	2GB~128GB class 10TF card (Micro SD) Note: read/write speed \geq Class10
Video Input Signal	CVBS CVI TVI AHD 1080P
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
Advantage	playing/clock/Leave message/ Background music

ALARM INSTRUCTIONS

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

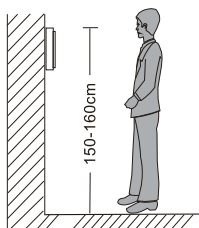
For NC alarm inputs, when the GND and ALM are in the disconnect state, it will trigger the alarm. It applies to any alarm sensor.

INSTALL THE INDOOR UNIT

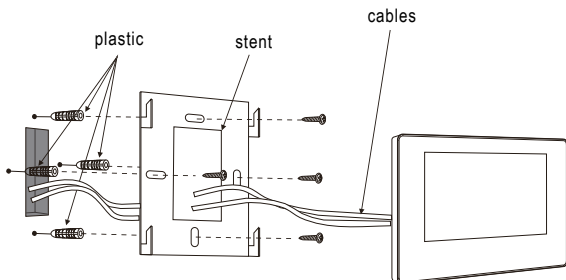


Note:

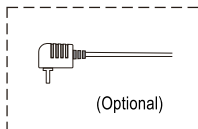
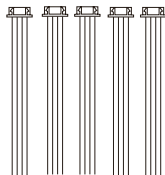
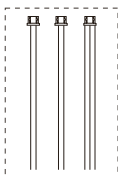
- Please be far from the devices with intense radiation: TV, DVR, etc.
- Do not disassemble privately to avoid the electric shock.
- Do not drop, shake or knock the device, otherwise will damage the elements.
- Choose the best position to install, the horizontal view is 150cm.
- Please power down before 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 unit



ACCESSORIES



Indoor unit

- Indoor unit ----- 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 unit has a built-in power supply, there is no external power adapter in the above picture.

Please note:

If there is any doubt or dispute regarding the information in this manual, contact us for clarification.

There may be some difference between the description provided here and the actual device, as our products are constantly developing and upgrading. We apologise if this manual does not contain all of the latest updates.



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