amphis

201008

SIGNATURE 2

FHD TOUCH SCREEN
VIDEO INTERCOM SYSTEM
INDOOR MONITOR

USER MANUAL

CONTENTS

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.
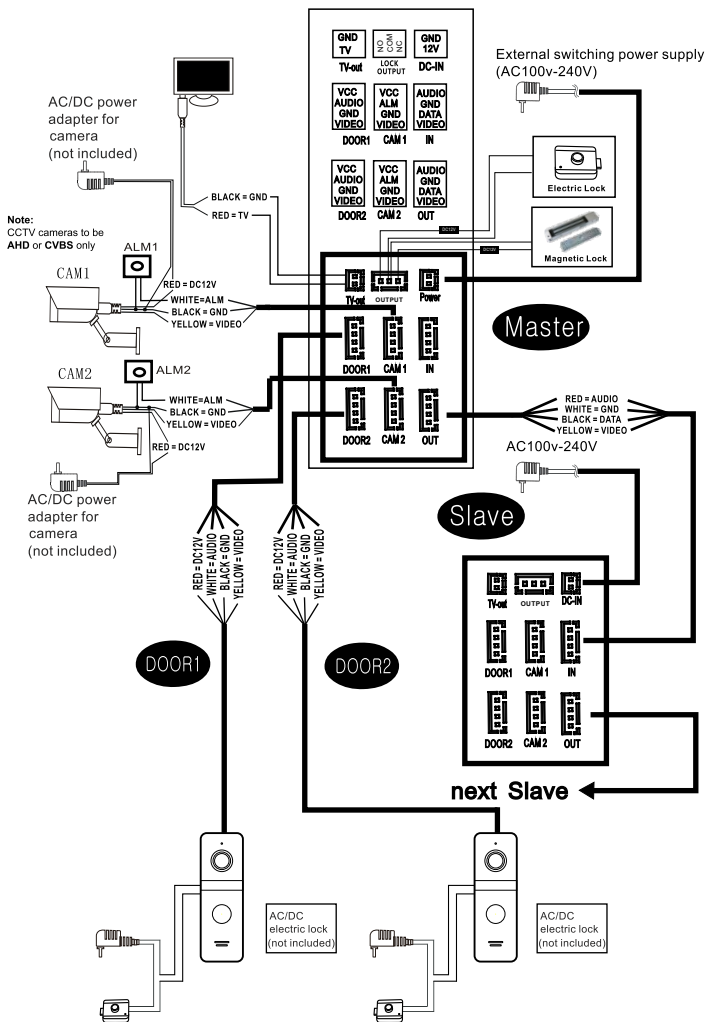
7" 10"

7"

7" 10"

7"

7" 10"

NO.	Name	Descriptions
1	TFT display	View visitor's image displayed on the TFT screen
2	Microphone	Transmit the voice to outdoor camera
3	SD card slot	For the models with SD card, Insert the SD card for recording
4	Switch button	While monitor power on, switch this button to turn off or turn on monitor

AC/DC power adapter for camera (not included)

Note:
CCTV cameras to be **AHD** or **CVBS** only

External switching power supply (AC100v-240V)

GND TV / TV-out
NO COM NC / LOCK OUTPUT
GND 12V / DC-IN

VCC AUDIO GND VIDEO / DOOR1
VCC ALM GND VIDEO / CAM 1
AUDIO GND DATA VIDEO / IN

VCC AUDIO GND VIDEO / DOOR2
VCC ALM GND VIDEO / CAM 2
AUDIO GND DATA VIDEO / OUT

Electric Lock

Magnetic Lock

BLACK = GND
RED = TV

ALM1

CAM1
RED = DC12V
WHITE = ALM
BLACK = GND
YELLOW = VIDEO

ALM2

CAM2
WHITE=ALM
BLACK = GND
YELLOW = VIDEO
RED = DC12V

AC/DC power adapter for camera (not included)

TV-out   OUTPUT   Power

DOOR1   CAM1   IN

DOOR2   CAM2   OUT

Master

RED = AUDIO
WHITE = GND
BLACK = DATA
YELLOW = VIDEO

AC100v-240V

Slave

TV-out   OUTPUT   DC-IN

DOOR1   CAM 1   IN

DOOR2   CAM 2   OUT

RED = DC12V
WHITE = AUDIO
BLACK = GND
YELLOW = VIDEO

RED = DC12V
WHITE = AUDIO
BLACK = GND
YELLOW = VIDEO

DOOR1

DOOR2

next Slave ◀

AC/DC electric lock (not included)

AC/DC electric lock (not included)

DESCRIPTION ON SYMBOL

While on monitoring or calling status, a line of function buttons will appear below the indoor monitor, as follows：

Monitor key		monitor view shows from camera and door bell
Snapshot key		take a snapshot from door bell or camera
Record button		Start or stop record video shows from door bell or camera
Door bell unlock key		While Doorbell on call/motion detection/monitoring status, click door bell unlock key to unlock the lock which connect to door bell.
Indoor monitor unlock key		While Doorbell on call/motion detection/monitoring status, click indoor monitor unlock key to unlock the lock which connect to monitor.
Picture setting button		adjust the call volume, brightness, contrast, color saturation.
Transfer button		During the conversation between the outdoor station and the indoor monitor, click this button and the extension option will appear. You can select and click the serial number of a device to transfer the call.
Answer button		1.Answer the call of the visitor and talk. 2. Press the answer button during monitoring to talk to the outdoor station.
Hang up button		When calling, alarming, monitoring, motion detection, click this button to hang up and return to the standby interface.

INSTALLATION NOTE

(i) The electric lock/alarm/camera is not included in the package, you can purchase an electric lock which is suitable for actual requirement.

(i) 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).
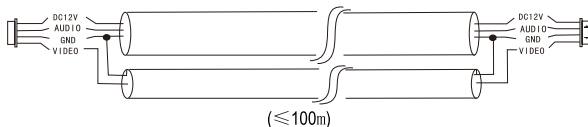
(i) Use and selection of wire, please refer to the following.(The actual effect and the quality of wire rod has the very big relations)
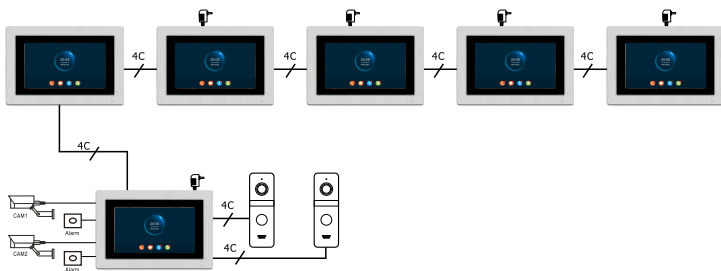
1. 4C ordinary unshielded and shielded wire connection mode:
   Distance ≤10m(4*0.2mm²) ;

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

(≤100m)

WIRING DIAGRAW

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"Plase 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. While ringing, long press door bell call button 5s an 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. During the talking, there will be text and voice prompts when outdoor station 2 calls the indoor monitor or triggers the alarm.
6. 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 unit call indoor monitor and conversation is underway

▼

Press transfer call button to activate the function of **call transfer to the extension which user choose**

Note: The extension user choose to call for must be online and connected correctly.

▼ 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.

INTERNAL COMMUNICATION AMONG INDOOR UNITS

At least 2 indoor units is required.

Standby mode

Click the monitor to enter the main menu page, activate the function of call transfer

▼

Select a extension which user want, and click to confirm the call

▼ The called slave monitor will get ring tone

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

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

▼

Start conversation among indoor units ▶ Press Hang up button ▶ End

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MONITORING

Clicking in the main menu and entering the monitoring interface will display four device icons of outdoor station 1, outdoor station 2, camera 1, camera 2, and select one of them to monitor, and the corresponding image will be displayed on the screen.
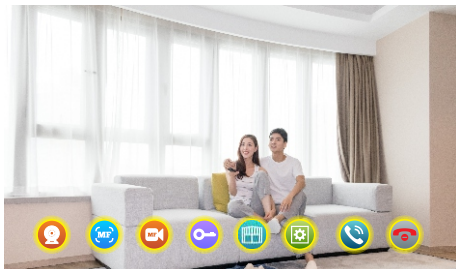
1. Monitor door bell duration time is 1min, monitor camera duration time is 5min, while monitor time is up will back to standby status automatically.
2. When monitoring the outdoor station, the indoor unit can hear the sound of the outdoor station, and the outdoor station can not hear the sound of the indoor unit.
3. When monitoring the outdoor station, press the answer button to talk with the door machine, press the unlock button to open the outdoor station lock, press the photo button to capture the picture, and press the video button to record the video. You can also enter the image setting to adjust the call volume, screen brightness, contrast ,saturation.
4. While on monitor status, click monitor key in order of door1,cam1, door2,cam2 to switch image.
5. Press the hang up button to end monitoring or talking and return to standby mode

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 2monitors, 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.

MOTION DETECTION

1. In standby mode, click monitor > Setting > Outdoor station Setting / Camera Setting > Select Device > Select motion detection switch to turn on motion detection.

2. In standby mode, click monitor > Setting > System Setting > select MD preview switch to start motion detection preview

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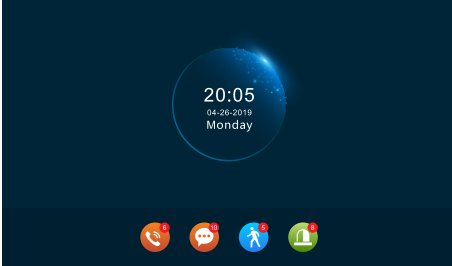
Note: Door station and CAM motion detection record duration default 20s , it will end motion detection automatically while time is up.

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). On close screen status, touch monitor and return to the clock mode (premise that in the state of clock is turn on and the digital photo frame is turn 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 mode, user can select the shortcut key to enter this record interface to view.

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, click the monitor to enter the main menu interface. The main menu interface is as follows. The main menu includes extension call, setup, monitoring, multimedia, event, home, lock, and standby. On the menu, you can return to standby mode by pressing the back or standby button.
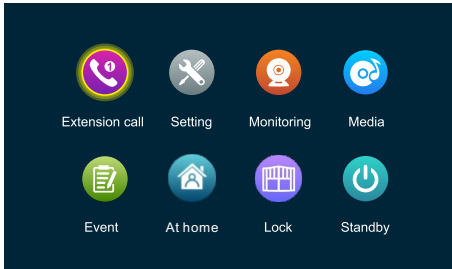

1.Call Extensions

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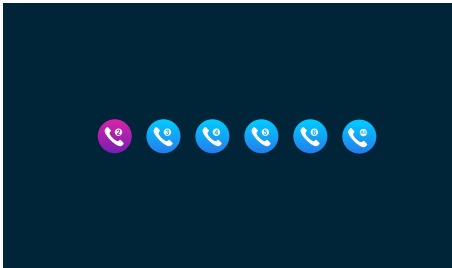
2. Setting
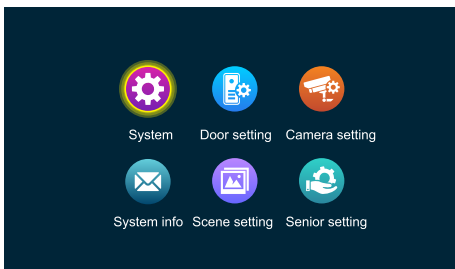
2.1 System Setting
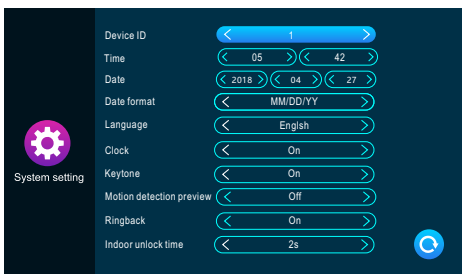
【Device ID】 Means the local device's extension ID, range from 1 to 6. 1 means the monitor is Master, 2 to 6 means the indoor monitors are Slave. Each family support 6 indoor monitors maximum.

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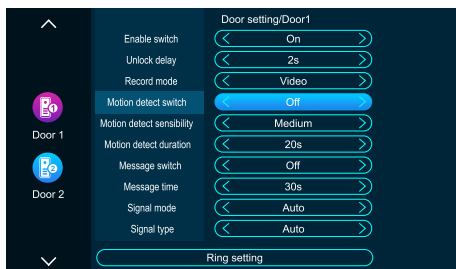
This interface can set the parameters of outdoor station 1 and outdoor station 2 respectively.

【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 camera, and the user can also manually press the setting button to continuously capture.

【Motion detect switch】 Indicate 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 10-300s, and the default is 20s.

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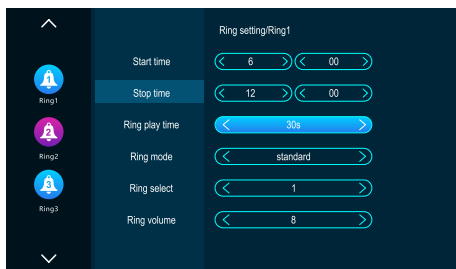
Ringtone 1 default time period is 6:00-12:00, ringtone 2 default time period is 12:00-18:00, ringtone 3 default time is 18:00-6:00, time period is adjustable.

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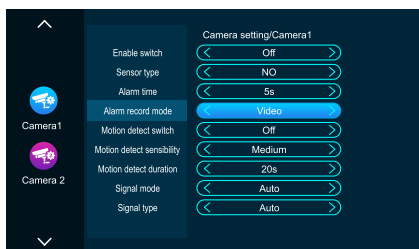
【Enable switch】 Indicates the status of this channel. If set to On, the camera can be used normally. If set to off, the camera is disabled.

【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 10-300s, and the default is 20s.

【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.
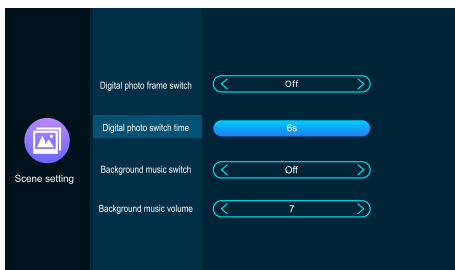
【Software version】 indicate the current software version number.

【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
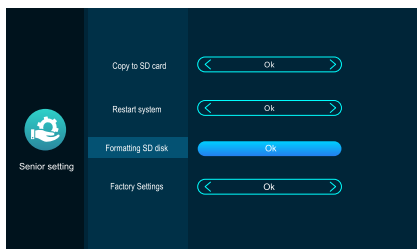
【Automatic storage function】 Monitor not inserted into the SD card, each time call, alarm, or motion detection is automatically captured a picture is stored as an event record and stored in the FLASH. If manual capture is carried out, will also capture an image is stored as an event record on the FLASH.

Note: This function can only capture photos, can't record. The storage space of FLASH is about 5M, and the previous record will be automatically overwritten when the memory is full.

【Copy to SD card】 after selecting, it will prompt whether to copy to SD card, click "Yes" indoor monitor to copy the picture with flash image to SD card and prompt box will pop up to indicate that it is copying. After copying successfully, exit the prompt box automatically; click "No" to exit the prompt box.

【Restart system】 After selecting the system will be prompted whether to restart the system, click "yes" to restart the indoor monitor.

【Formatting SD disk】 After selecting, it will prompt whether to format the SD card. Click "Yes". The indoor unit will format the SD card and prompt "Formattingąąą". After successful, it will prompt "Formatted successfully" and " The SD card was inserted successfully." If the SD card is formatted without an SD card in the indoor unit, it will prompt "no SD card".

【Factory setting】 After the selection will prompt whether to restore the factory settings, click "Yes" indoor monitor will be restored to the factory and prompt "Restore factory settings are successfully, the system is about to restart".

3 Multi-Media
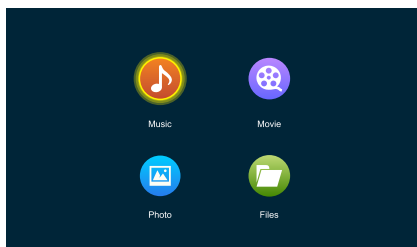
3.1 Music
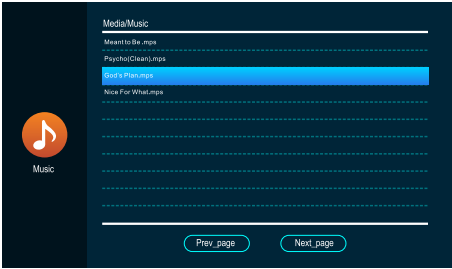
In the multi-media interface, click on the music menu to see a list of music files. In the music player interface, you can see the music list, function buttons, playback mode, play progress, and volume.


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

1. Select the playback mode and switch it once per click.
2. After selecting the volume, adjust the volume by dragging the cursor. The volume range is 0-10, the default is 07.
3. During playback, fast forward or fast backward by dragging the progress bar cursor.

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
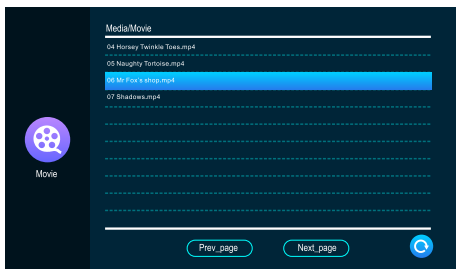
In multi-media interface, client move icon can view the movie file list.


User can fast forward or rewind by dragging the progress bar cursor during movie playback. Tap the screen to adjust the 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
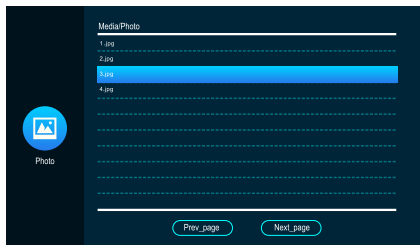
In the multi-media interface, click the photo icon to see a list of photo files.
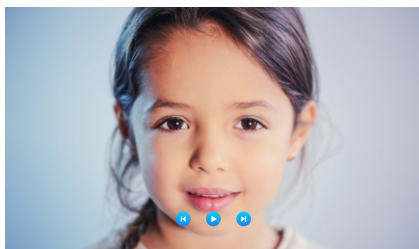
1. When the picture is played, the next picture will be played automatically, unless the playback is paused (the time for switching the next picture is the same as the time for switching the digital photo frame).
2. After calling out the function key, press ⏸ once to pause the play, and then press once ⏮ or ⏭ play the previous or next picture,and press the return key once to return to the picture list. (Click anywhere on the screen to bring up the function key)
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
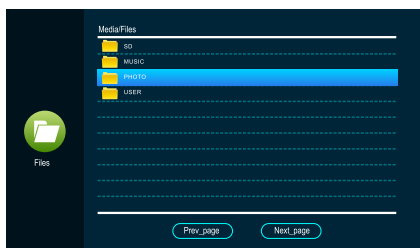
In the multi-media interface, click File to see the SD card folder. Enter the SD card to see the automatically created folder. The automatically created folders are "Digital Frame" folder, "Bg Music" folder, "Message Import" folder, "Ring" folder, "DOORBELL" folder (this folder is hidden in the indoor unit, only when it is plugged into the computer it can be seen.)
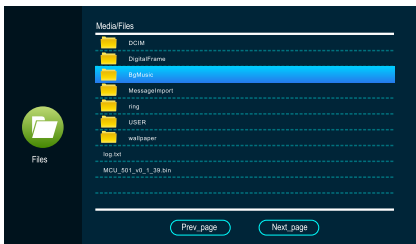
【"DigitalFrame" folder】 Save the picture of the digital photo frame

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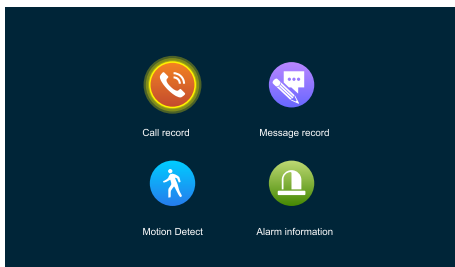
【"CALL" folder】 Store the call history of the indoor unit and the outdoor station.

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

【"MSG" 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.

Call record:

1. Automatic snapshot or recorded video when any outdoor unit calls.
2. Any outdoor station call or under calling, manually captured the picture or recorded video.

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 outdoor station and cameras.
2. Manually captured pictures or video recorded in the motion detection process of all outdoor station and cameras.

Alarm information record:

1. Automatically capture pictures or recorded videos when Camera alarms.
2. Manually captured pictures or recorded videos during Camera alarm.
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, Not at home, Sleep mode

1). At home mode: normal working mode.
2). Not at home mode: The visitor enters the message mode directly after making a call.
3). No disturb mode: In normal working mode, there is no ringing tone and prompt tone when calling.

6 Unlock/lock

Open the lock connecting to the indoor unit

7 Standby

Return to standby page.

8 Picture parameter setting

After the outdoor station calls, select the image settings in the indoor monitor. The image setting parameters include: call volume, brightness, contrast, and saturation. After selecting a parameter, adjust the parameter by dragging the cursor.

Note: color parameter can be setted in monitoring, calling, calling, alarm, motion detection and other images.
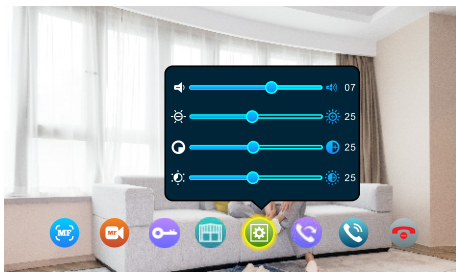
【Intercom volume】 The value can be set from 0 to 10, the default is 07

【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 ≥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.
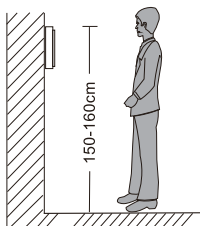
How to install the indoor unit

cables
plastic
stent
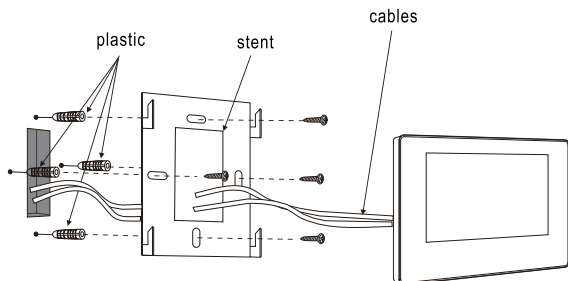
ACCESSORIES
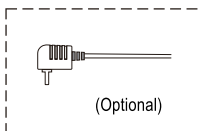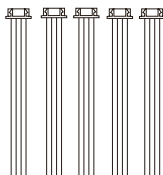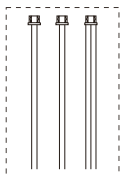
Indoor unit

- 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.