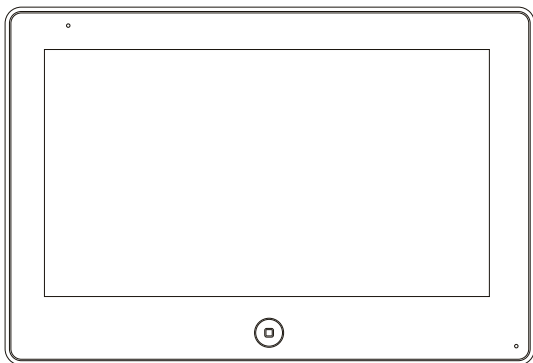


TOUCH SCREEN VIDEO DOOR PHONE

USER MANUAL



-
- Thank you for purchasing our products.
 - The products are subject to change without prior notice.
 - The company is not responsible for any safety accidents caused by abnormal operation of the product.
 - Please carefully read this User's Guide(in particular, precautions for safety) before using a product and follow instructions to use a product exactly.

Index

Warning and caution -----	1,2
The function and name of each part -----	3
Features and main function -----	4
Package contents -----	4
Wiring diagram -----	5,6
System layout -----	7
Installation method -----	8
Specification -----	8
Cable specification -----	9
Shortcut menu -----	10
Incoming call answer / Call transfer -----	11
Internal call among monitors -----	11
Talking color/brightness/contrast/volume/zoom adjust -----	11
Manual record an audio -----	12
Monitor listening -----	12
Monitor doorbells or CCTV cameras -----	12
Broadcast function -----	12
Capture images and Manual record a video -----	12,13
System setting -----	13,14
Auto leaving message -----	13
DVR function -----	15
Parameters of picture capturing / DVR recording -----	15,16
Alarm clock Setting-----	16
Chime Setting-----	17

Warning and caution

Make sure to follow the instructions to prevent any danger or property losses.



Warning

Death or serious injury is expected.



It indicates prohibition of contact.



It indicates prohibition disassembly.



It indicates prohibition of contact.



It indicates dangerous.



It indicates that the plug should be pulled out from the socket.

<p style="text-align: right;">NO </p>	<p style="text-align: right;">NO </p>	<p style="text-align: right;">NO </p>
<p>Do not put the plug in the socket simultaneously. It may generate abnormal heat or cause a fire.</p>	<p>Do not connect to other products while in use. It may cause breakdown.</p>	<p>Do not forcibly bend the cord or put a heavy object on the product. It may cause a fire.</p>
<p style="text-align: right;">NO </p>	<p style="text-align: right;">NO </p>	<p style="text-align: right;">NO </p>
<p>Do not use water, thinner or a detergent used to wash oil products when you wash the exterior. Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.</p>	<p>Do not install the product in a humid place. it may cause an electric shock or a fire.</p>	<p>Do not forcibly pull out the cord from the socket. If the cord is damaged, it may cause a fire or an electric shock.</p>
<p style="text-align: right;">NO </p>	<p style="text-align: right;"></p>	<p style="text-align: right;"></p>
<p>Do not put the plug in the socket with a wet hand. It may cause an electric shock.</p>	<p>Do not disassemble, repair or modify the product. It may cause a fire, an electric shock or an injury due to malfunction of the product.</p>	<p>Do not use AC circuit breaker. It may cause an electric shock.</p>



CAUTION

A injury or property losses are expected.



It indicates prohibition of contact.



It indicates prohibition disassembly.



It indicates prohibition of contact.



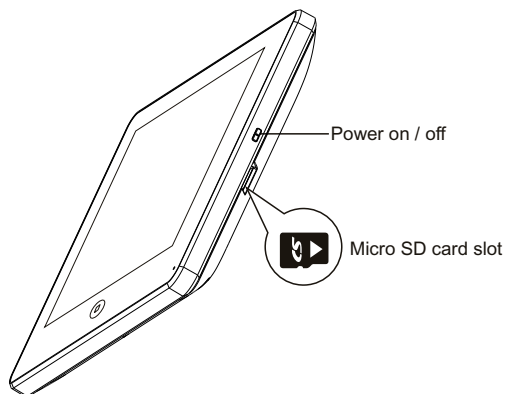
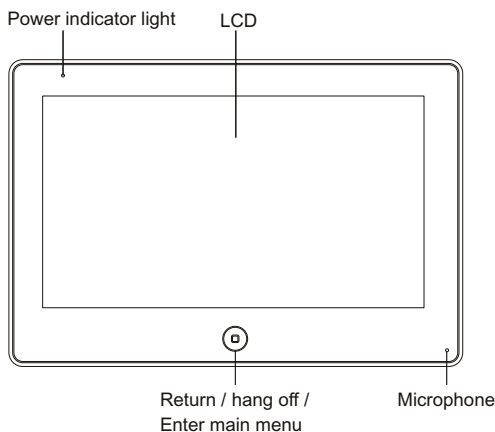
It indicates dangerous.



It indicates that the plug should be pulled out from the socket.

<p>If the socket holes are larger than normal, do not put the plug. It may cause an electric shock or a fire.</p>	<p>Make sure that dust or foreign substances are not gathered on the product.</p>	<p>Make sure to prevent foreign substances from entering the product. It may cause a breakdown.</p>
<p>Do not put a heavy object on the product. It may cause a breakdown.</p>	<p>Do not disassemble or give an impact to the product.</p>	<p>Avoid direct rays of the sun or heating devices at a time of installation.</p>
<p>Install the product in a flat and stable place. Otherwise, it may not function properly.</p>	<p>Pull the plug if the product is not used for a long time.</p>	<p>If the product generates strange sound, make sure to pull the plug immediately and contact service center.</p>

The function and name of each part



Remak:

1. Gate unlock should connect unlock driver aid.
2. Make sure micro SD card is class 10, FAT32.

Features and main function

1. Features

- 7" Color capacitive touch screen
- Hands free design, perfect intercom with clear voice
- The optional multi-language friendly interface
- 13 polyphonic ring-tones switch freely
- Easy to operation
- Compatible with most models of CVBS / AHD / CVI / TVI (Optional)

2. Main function

- Hands free intercom, Lock control
- Don't disturb function
- Support micro SD card
- Auto message leave
- Video & audio recording
- 480P/720P/960P/1080P is optional
- Simple DVR function with motion detection
- Image capturing function
- Multimedia function: photo frame, music playing
- Support 2 doorbells + 2 CCTVs + monitors(up to 4)
- Color, brightness, contrast, volume and display mode adjustable
- Real-time monitoring to door station or CCTV camera
- Intercom call, Broadcast function, Monitor listening
- Supports Door Panel unlock & Indoor monitor unlock

Package contents



Monitor



User manual



Wall bracket



2xExpansion
bolt



Desiccant



2xM4x30
fixing screws



2x5 pin
connector(red /
blue / yellow /
white / brown)



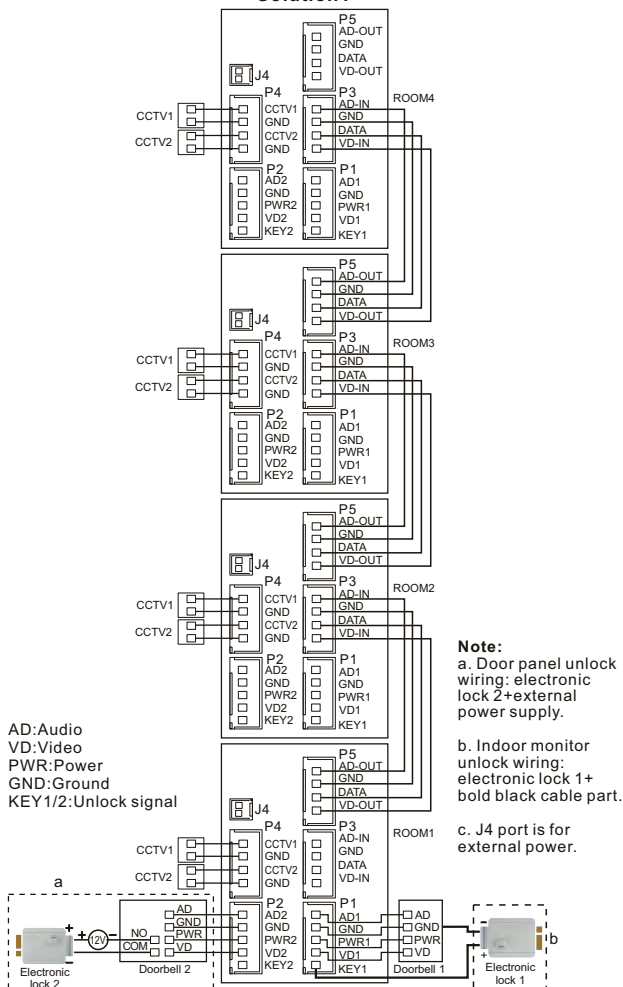
2x4 pin
connector
(red / blue /
yellow / white)



4 pin
connector
(white / blue /
white / blue)

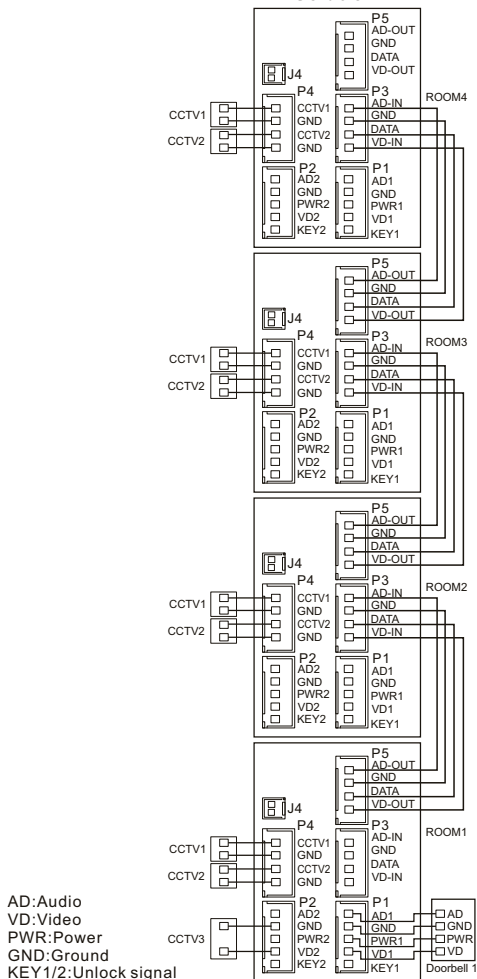
Wiring diagram

Solution1



Wiring diagram

Solution2



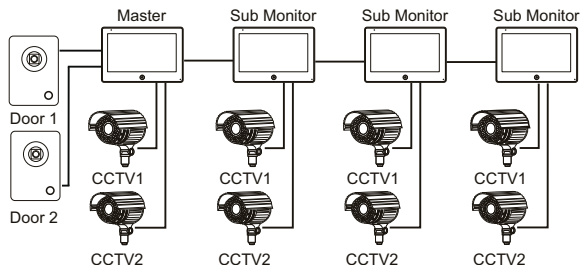
Note:

Each indoor monitor can only view the images from the CCTV connected on its own CCTV port.(If the CCTV is connected on main monitor's outdoor panel port, all the monitors can view the images from it).

System layout

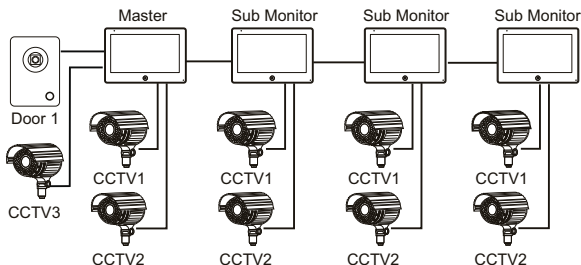
1. The port 2 connect doorbell panel

The system can maximum support 1 main monitor, 3 sub monitors, 2 door panels and 8 CCTV cameras.



2. The port 2 connect the CCTV camera

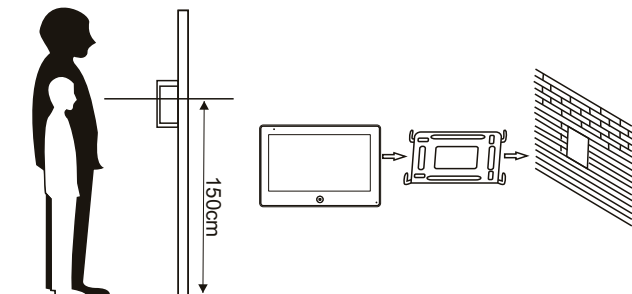
The system can maximum support 1 master monitor, 1 door panel, 3 sub monitors and 9 CCTV cameras.



Note: Based on the actual usage, please refer to P6 set the port state.

Installation method

1. Refer to relevant wiring diagram for the system you have chosen and ensure you have the correct cable.
2. Determine the monitor installation position: suggest to install at 1.5~1.6Meters.
3. Ensure no power supply connection before installation finished.
4. Install the bracket on the wall.
5. Connect cables as per the wiring diagram indicated.
6. Fix the monitor onto the bracket.
7. Connect power when doorbell is installed.



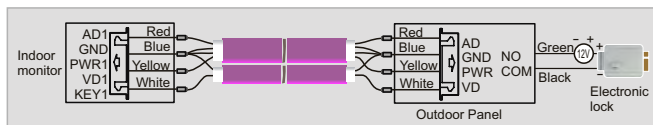
Specification

NO.	ITEMS	CONTENT
1	Power supply	DC15V/0.8A
2	Power consumption	9W(Max). 2.5W(Standby)
3	Operation temperature	0°C to +40°C
4	Operation humidity	0%-95%
5	Defination	7" (800x480pixels)
6	Support input signal	CVBS; AHD / CVI / TVI (up to 1080P) optional
7	Connection	4 wires
8	Dimension	186x127x19mm
9	Weight	430g

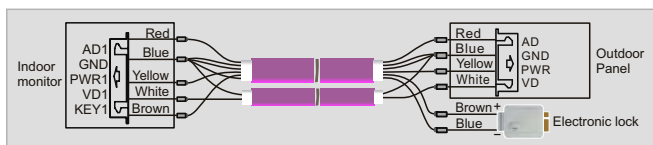
Cable specification

The System has 2 solutions to unlock the door: Unlock signal from doorbell or unlock signal from monitor.

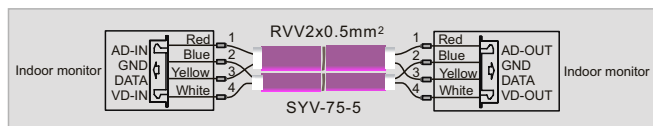
- When unlock signal is from doorbell:
 - a. please choose coaxial cable SYV-75-5 for video, with another RVV4x0.5mm² (within 30 meters);
 - b. please choose coaxial cable SYV-75-7 for video, with another RVV4x0.75mm² (within 100 meters);



- When unlock signal is from monitor:
 - a. please choose coaxial cable SYV-75-5 for video, with another RVV6x0.5mm² (within 30 meters);
 - b. please choose coaxial cable SYV-75-7 for video, with another RVV6x0.75mm² (within 100 meters; unlock is available within 50 meters only);
























- To connect internal monitors / sub monitors, please choose coaxial cable SYV-75-5 for video, with another RVV2x0.5mm².





Shortcut menu

At standby state, press  to enter main menu as below Figure.



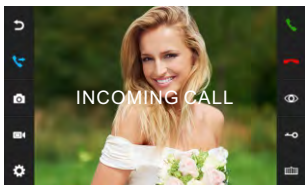
No.	Pic	Functions	Notes
1		Make intercom call to other monitors & Talk with the visitor	
2		Record family audio message	
3		Monitor listening to other indoor monitors	
4		Watch outdoor station or CCTV	
5		Make broadcast to others	
6		Setting menu	
7		View and play DVR recording file	Select the target file and click  to delete or not; Click  to adjust the volume.
8		View and play music file	Select the target file and click  to delete or not; Click  to adjust the volume.
9		View calendar and time	
10		View and play audio message	Select the target file and click  to delete or not; Click  to adjust the volume; Click  to "Config attention tone" interface.
11		View and play the pictures which take from outdoor station	Select the target file and click  to delete or not.
12		View and play the pictures from multimedia	Select the target file and click  to delete or not.

Remark:

- When displaying a file: a. slides to left/right on the screen to go to last/next file; b. slides to up to return; c. slides to down to adjust the volume.
- In files menu, slides up/down or click  /  to last/next page
- Micro SD card is needed to support the features of point 2, 7, 8, 10, 11, 12.

Incoming call answer / Call transfer






When a visitor calls in doorbell, all the indoor monitors in this house will chime simultaneously as below:







Picture1








Picture2

The LCD will show "INCOMING CALL". Click  to talk with the visitor, as picture1. Click  to transfer the call to other monitors. The monitor will return to standby state if no one answers after chime time ends. At ringing or answering state, click  to unlock the door and the LCD will show "DOOR UNLOCKED", click  to unlock the gate and the LCD will show "GATE UNLOCKED". If there is another incoming call when talking with door 1, the LCD will show "SOMEONE IS VISITING AT DOOR 2", then click  can switch the display image to Door 2 and talk with another visitor.


Note:

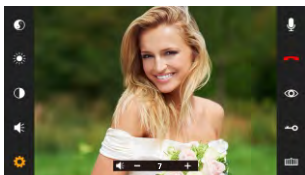
- At the answering or intercom between monitors, click , then it turn to , the microphone will be mute, and the LCD will show "MUTE", click  again the microphone return to normal , and the LCD will show "PLEASE TALK".
- Unlock gate, need to connect our unlock driver aid.

Internal call among monitors

If you make intercom request for all monitors. At main menu state, click  to call other indoor monitors. If you have more than 2 monitors connected in the system, please click the call target to call. click  to answer the call, or click  or  or  to hang up.





Talking color/brightness/contrast/volume/zoom adjust

At the state of monitoring, ringing, talking, making intercom, broadcasting, as the picture1, then click  to picture3, and click each related setting icon to adjust color/brightness/contrast/volume.





Picture3


zoom adjust : At the state of monitoring, ringing, talking, click the screen to adjust the zoom: 16:9 to 4:3.

Remark:  is color icon
 is brightness icon
 is contrast icon
 is volume icon

Manual record an audio

At main menu state, click  in menu to record an audio manually, click  icon again to end the recording.



Monitor listening

At main menu state, click  icon to start the monitor listening function. If you have more than 2 indoor monitors, there would be option rooms for choosing on screen, click the target indoor intercom to do monitor listening.

Note:




- a: When monitoring, the user can hear the sound from the being monitored room, but the people at the be-monitored intercom room can not hear the voice from monitoring intercom room.
- b: When there are more than 2 monitors in the system, monitor listening function is available only when Monitor listening function is turn on. Please check the system setting menu to see how to turn on the monitor listening function.

Monitor doorbells/CCTV camera

At main menu state, click  icon to monitor Doorbell 1, click  again to change the viewing screen to another video channel.

Note:


CCTV camera can only be monitored when Port 4 state set available (Please refer to Page14 for detail information).

When monitoring Door bell channel, press  can talk with people in front of the door bell, click  can open the door, click  can open the gate.




Note:

When monitoring Door 1/Door 2/CCTV 1/CCTV2, click the screen can switch 16:9 to 4:3.

Broadcast function



This function allows you to broadcast information for all monitors in your house. At main menu state, click the , the display will show BROADCAST REQUEST, the monitor in other rooms will show BROADCASTING. Now you can make a broadcast.

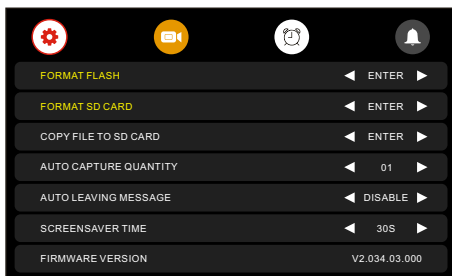
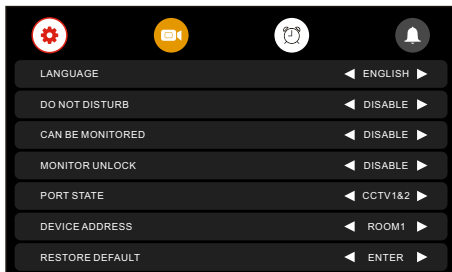
Capture images and Manual record a video

- a. **Manual capture images:** In incoming call or monitoring state, click  icon to capture images manually. the words "IMAGES CAPTURING" will show on the screen.
- b. **Manual record a video:** In incoming call or monitoring state, click  icon to record a video manually. the words "RECORDING" will show on the screen, click  again to end the recording.

- c. **Capture image automatically:** go to the setting and set "01" in "AUTO CAPTURE QUANTITY", then the system will capture a image & save it automatically when someone press the doorbell.




System settings

At the standby state, press  icon to enter system main menu, click the  to the system settings menu as below figure:





Auto leaving message

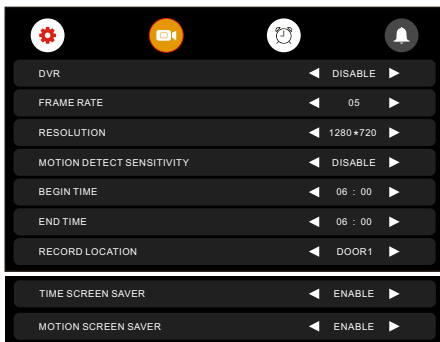
This function let your visitors to leave audio message for you while nobody is at home. You should activate AUTO LEAVING MESSAGE function in the SYSTEM SETTINGS before leaving home. When the visitor presses call button on the door panel and the chime time ends, visitor can hear a voice "Hello, no one is at home at this moment, please leave a message after the tone" from the door panel and have 20 seconds to leave a message for you.

No.	Setting items	Options	Note
1	LANGUAGE	Multi-Language	Choose the right language as you like.
2	DO NOT DISTURB	ENABLE	The indoor monitor will be mute & the power indicate light will flicker once someone presses doorbells / make internal call / broadcast.
		DISABLE	
3	CAN BE MONITORED	ENABLE	Can be listening monitored by other indoor monitors
		DISABLE	can't be listening monitored
4	MONITOR UNLOCK	ENABLE	In monitoring state, click  icon can unlock the door / gate directly.
		DISABLE	In monitoring state, can't unlock the door directly. Can click  first, then click  to unlock the door / gate.
5	PORT STATE	NONE	
		CCTV1	
		CCTV1&2	
6	DEVICE ADDRESS	ROOM1 / 2 / 3 / 4	Master monitor must be set to "ROOM1", and the option will be yellow if two monitors set the same address.
7	RESTORE DEFAULT	ENTER	Restore the system to default settings.
8	FORMAT FLASH	ENTER	Format flash
9	FORMAT SD CARD	ENTER	Format SD card
10	COPY FILE TO SD CARD	ENTER	Copy all files in flash to SD card.
11	AUTO CAPTURE QUANTITY	00, 01	00: will not auto capture images; 01: will auto capture 1pcs image when someone press the doorbell.
12	AUTO LEAVING MESSAGE	ENABLE	Visitors can leave a message for you from the doorbell panel while nobody is at home
		DISABLE	
13	SCREENSAVER TIME	30S, 1MIN, 2MIN, 3MIN, 5MIN, 10MIN, 20MIN, 30MIN, 40MIN, 50MIN, 60MIN	
14	FIRMWARE VERSION		

Remark: click ◀ / ▶ icons to choose.

DVR function

At main menu, click  icon to setting, click the  icon to DVR SETTING.



Automatic DVR function: Enable DVR in SYSTEM SETTING to activate that function. You can record video from any doorbell or CCTV camera in your system at set time.

Note:

- When motion detection is on, the system will record continuously for 1 minutes if motion has detected, the cyclic recording time is 1 minutes - 1 minutes - 1 minutes.
- DVR function can not work when the Micro SD card less than 2G.
- To act DVR function well, pls use the Micro SD card with capacity of no less than 8G.
- To get high quality video, we kindly recommend user setup 1280x720 resolution.
- When the start time and the end time are set as the same time, the DVR function will continue active in all the time immediately.

Parameters of picture capturing, DVR recording

Picture Capturing Function

SD card capacity	Resolution ratio	Pictures quantity
2G - 128G	1920x1080 / 1280x720 / 640x480, as the setting	Depends on the capacity of Micro SD card

DVR Recording Function

SD card capacity	Resolution ratio	Frame rate
2G - 128G	1920x1080 / 1280x720 / 640x480, as the setting	5/10/15/20/25, as the setting

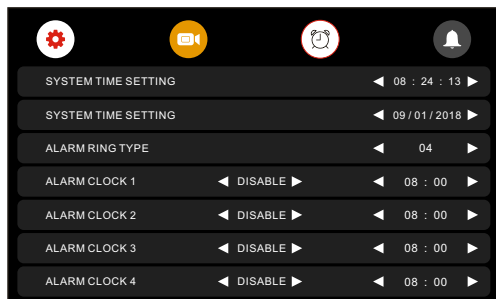
DVR Settings

No.	Setting items	Options	Note
1	DVR	ENABLE	Activate DVR function
		DISABLE	
2	FRAME RATE	5 / 10 / 15 / 20 / 25 FRAME/S	
3	RESOLUTION	1920x1080 / 1280 x720 / 640x480	
4	MOTION DETECT SENSITIVITY	HIGH / NORMAL / LOW	Detect motions as HIGH / NORMAL / LOW levels
		DISABLE	Does not detect motions
5	BEGIN TIME	The begin time of DVR & Motion detect	
6	END TIME	The end time of DVR & Motion detect	
7	RECORD LOCATION	DOOR1 / DOOR2 / CCTV1 / CCTV2	The Location of DVR & Motion detect
8	TIME SCREEN SAVER	ENABLE	The screen will display the clock, when DVR is working.
		DISABLE	The screen will be in standby status, when DVR is working.
9	MOTION SCREEN SAVER	ENABLE	The screen will be open, when a motion has detected
		DISABLE	The screen will keep in standby status, when a motion has detected

Remark: click ◀ / ▶ icons to choose.

Alarm clock

At main menu, click ⚙ icon to setting, click the ⌚ icon to ALARM CLOCK SETTING.

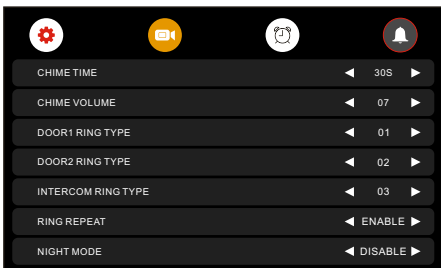


No.	Setting items	Options	Note
1	SYSTEM TIME SETTING	HOUR / MINUTE / SECOND	
2	SYSTEM DATE SETTING	DAY / MONTH / YEAR	
3	ALARM RING TYPE	01 to 13	
4	ALARM CLOCK	DISABLE	
		ALWAYS	will alarm 1min at the set time everyday
		SUN to SAT	will alarm 1min at the set time on the right day

Remark: click ◀ / ▶ icons to choose.

Chime Setting

At main menu, click ⚙ icon to setting, click the 🔔 icon to CHIME SETTING.



No.	Setting items	Options	Note
1	CHIME TIME	10S, 15S, 20S, 25S, 30S, 35S, 40S, 45S, 50S, 55S, 60S	will continue ringing as the set time.
2	CHIME VOLUME	00 to 09	00 is mute, 09 is the highest volume
3	CHIME TYPE SETTING	DOOR1 RING TYPE, DOOR2 RING TYPE, INTERCOM RING TYPE	01 to 13
4	RING REPEAT	ENABLE	will repeat the chime.
		DISABLE	will not repeat the chime.
5	NIGHT MODE	00 to 05	the Chime volume will auto be it from 22:00 to 7:00.
		DISABLE	

Remark: click ◀ / ▶ icons to choose.

