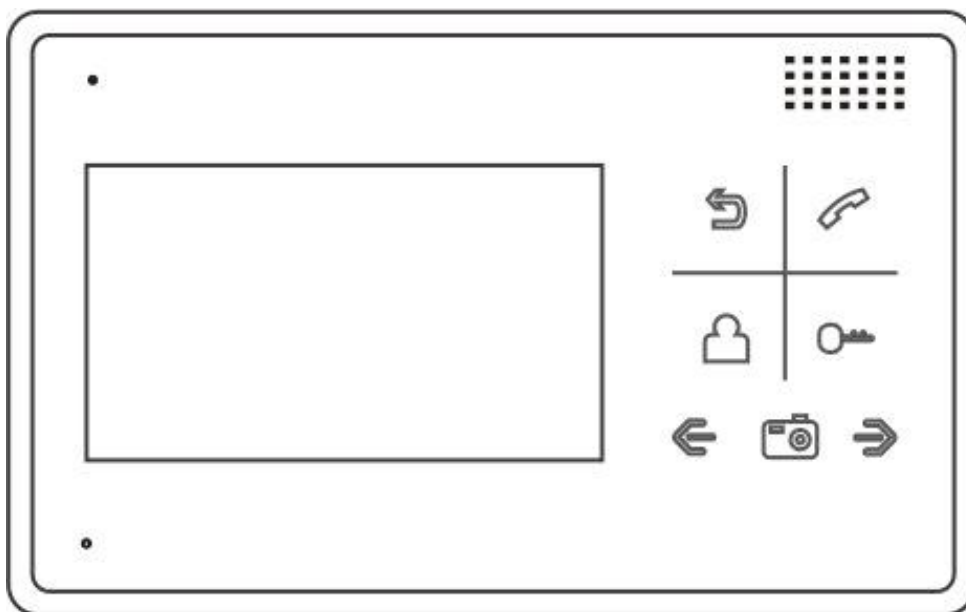


2-Wire Touch Button Indoor Monitor User Manual



Thank you for purchasing our products.

Please read this User Manual carefully before using this product.

The company is not responsible for any safety accidents caused by abnormal operation of the product.

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1. Warnings and cautions

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



Warning

Death or serious injury is expected.



It indicates prohibition.



It indicates disassembly.



It indicates prohibition of contact.



It indicates dos and don'ts.



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 or a detergent to clean the product surface.</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;">NO</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 the electric lock which is over the lock specification in the door station user manual.</p>



Warning

Death or serious injury is expected.



It indicates prohibition.



It indicates disassembly.



It indicates prohibition of contact.

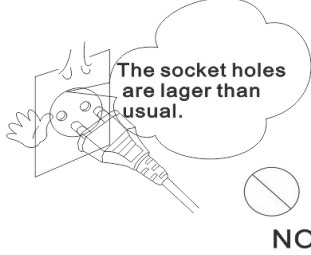
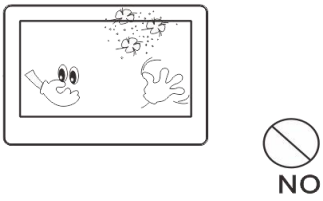
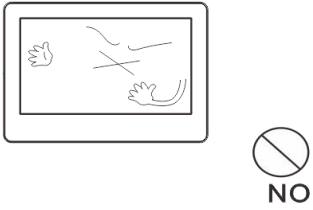
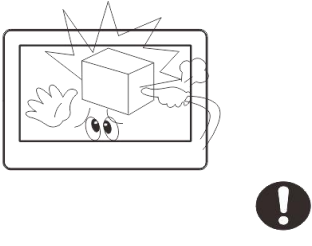
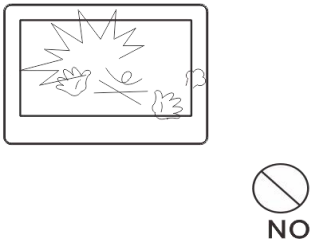
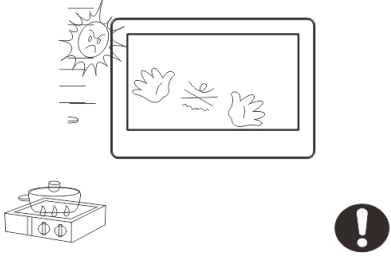

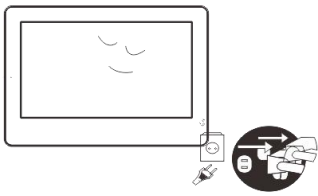
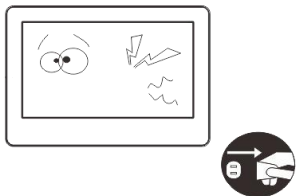


It indicates dos and don'ts.



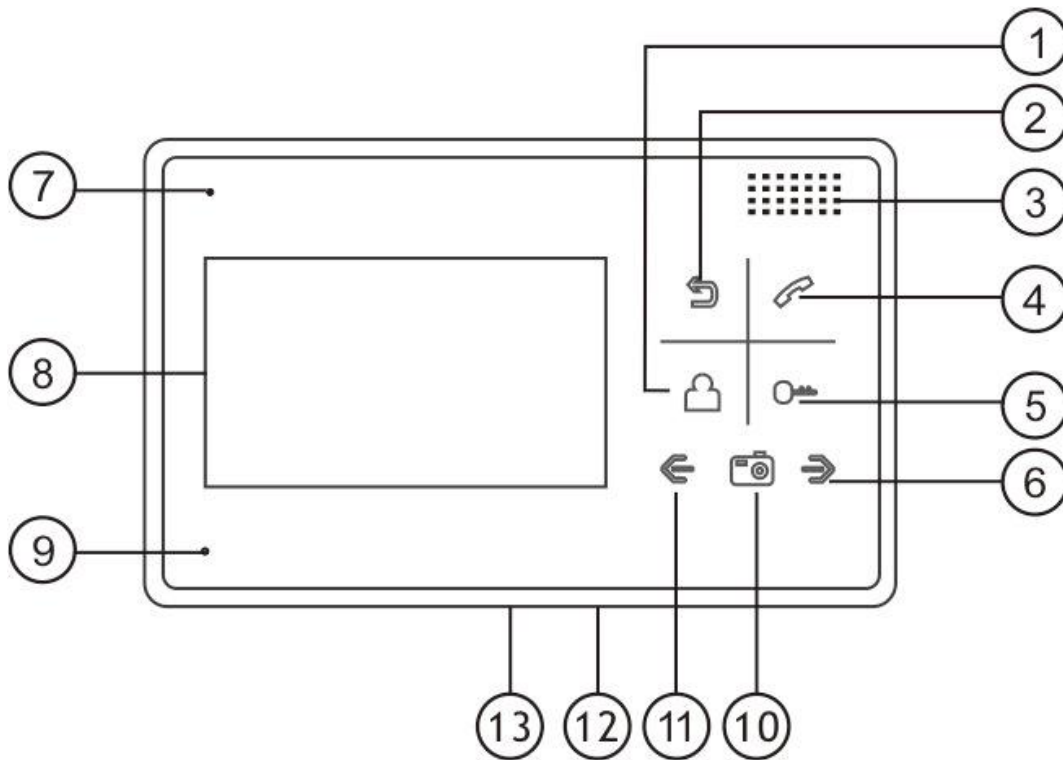
It indicates that the plug should be pulled out from the socket.



		
<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 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>

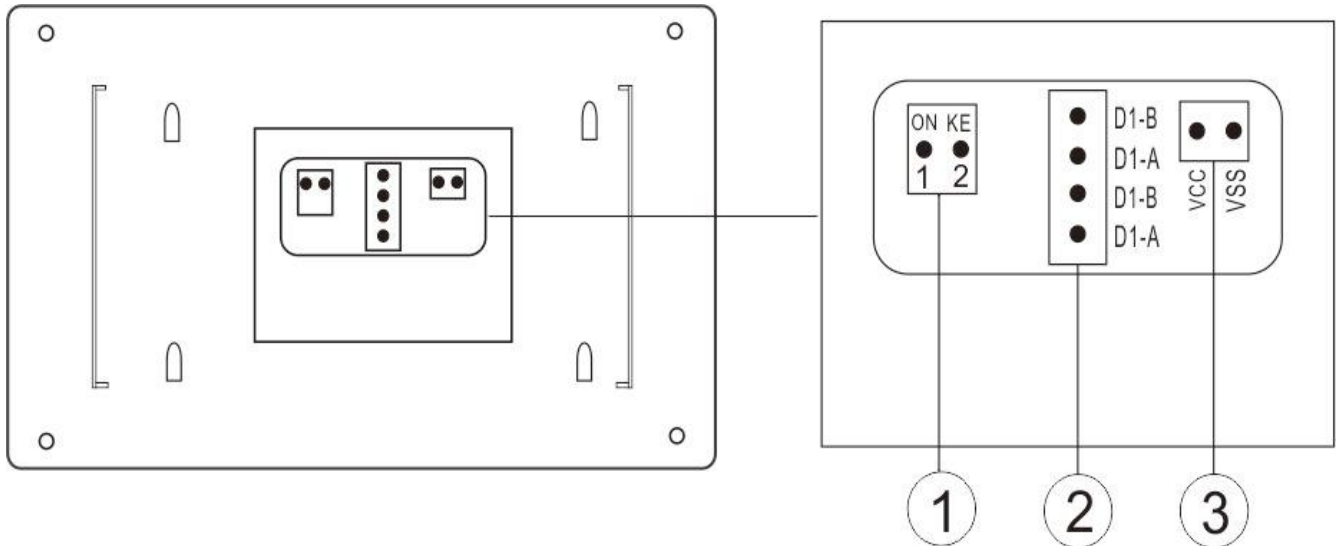
2. Name and Function of Each Part

2.1 Front View



No.	Name	Description
1	Monitor Button	
2	Return Button	Return/Hang up.
3	Speaker	
4	Answer Button	Answer/Make a call.
5	Unlock Button	
6	Right Button	Choose/Adjust.
7	Power Indicator	
8	LCD	
9	Microphone	
10	Menu Button	Enter system main menu/Confirm/Take a picture.
11	Left Button	Choose/Adjust.
12	Power Switch	
13	Micro SD Card Slot	

2.2 Terminal Description



- ① SW1 DIP Switch
- ② 2-Wire BUS Connection Port
- ③ Power Port (DC 15-24V 1A Max)

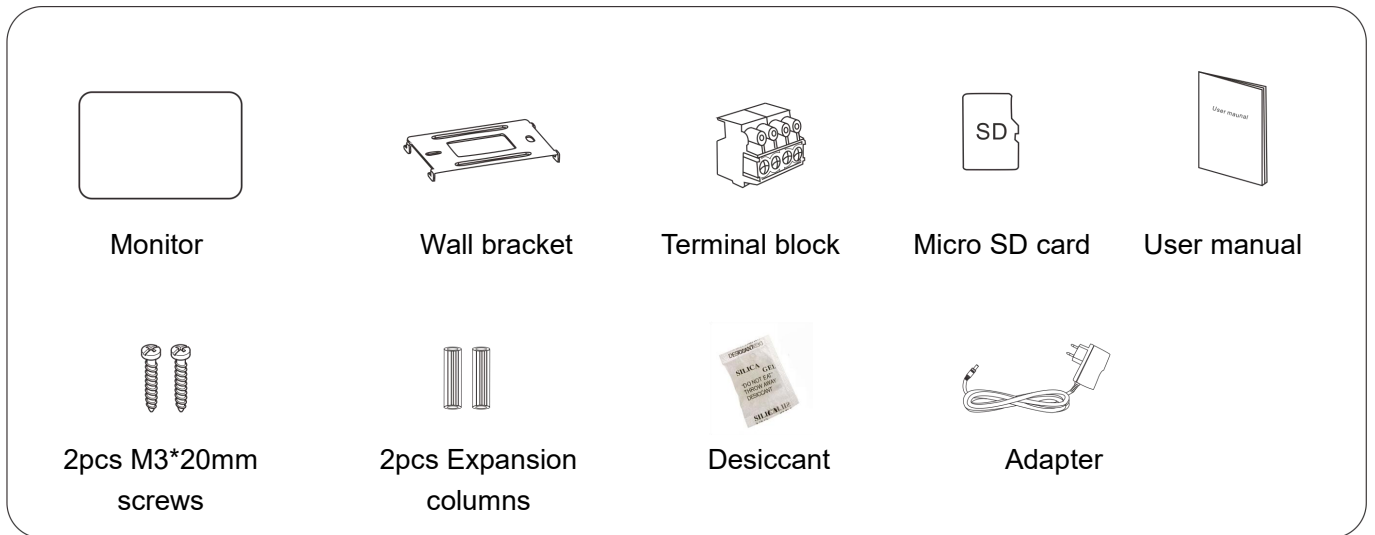
Remark:

It's OK to supply power from 2 wire BUS or an external adapter, but the system can not work if both power connected at the same time.

3. Feature and Main Function

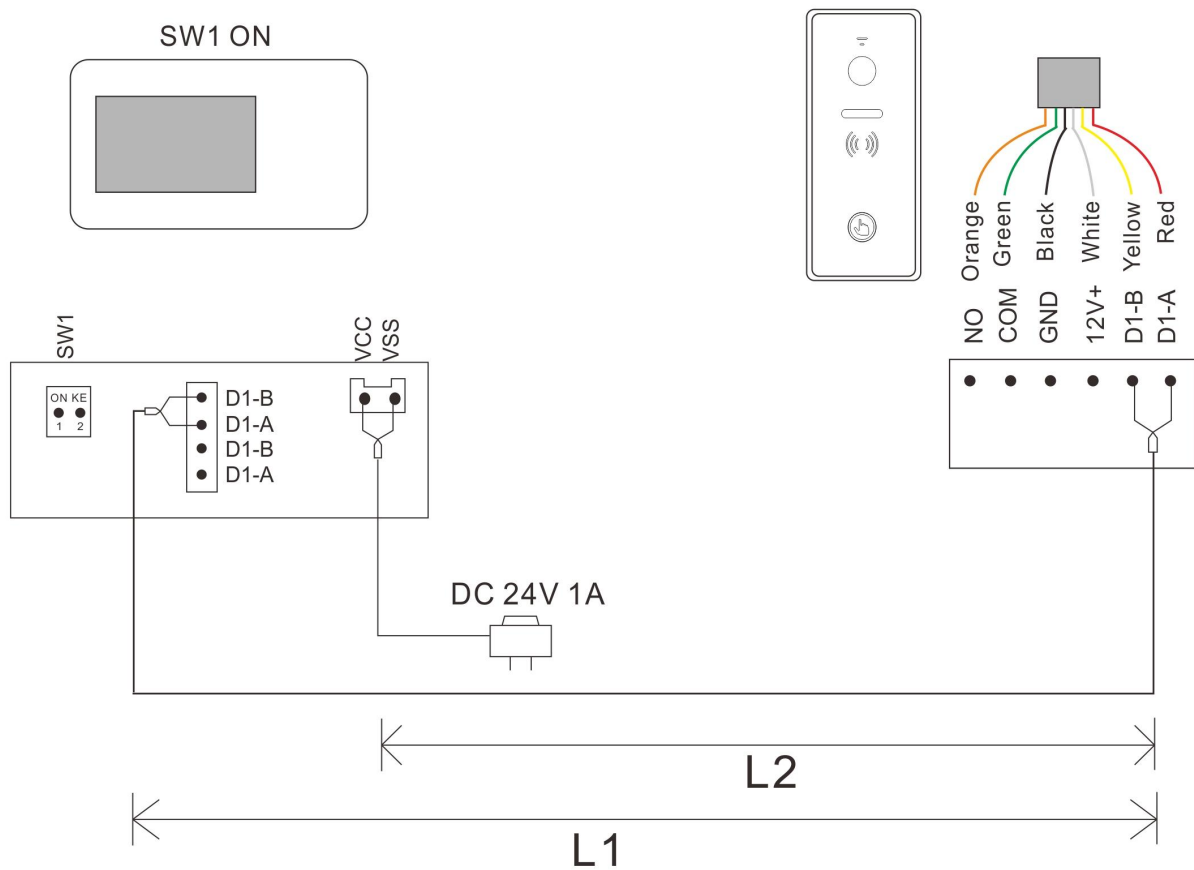
- ◆ Hands-free video intercom
- ◆ Digital signal transmission
- ◆ Friendly user interface with touch buttons
- ◆ Nonpolar 2 wire connection
- ◆ Easy installation as same as normal/traditional 2 wire analog system
- ◆ 256 photos and 16 videos taking with built-in memory
- ◆ H. 264 coding and decoding technology provides high quality video
- ◆ DVR with face detection, motion detection & dynamic frame rate recording
- ◆ EPTZ: Lossless video quality with Zoom in and Move
- ◆ Intercom between monitors
- ◆ Monitor and door station names can be edited by user

4. Packing List

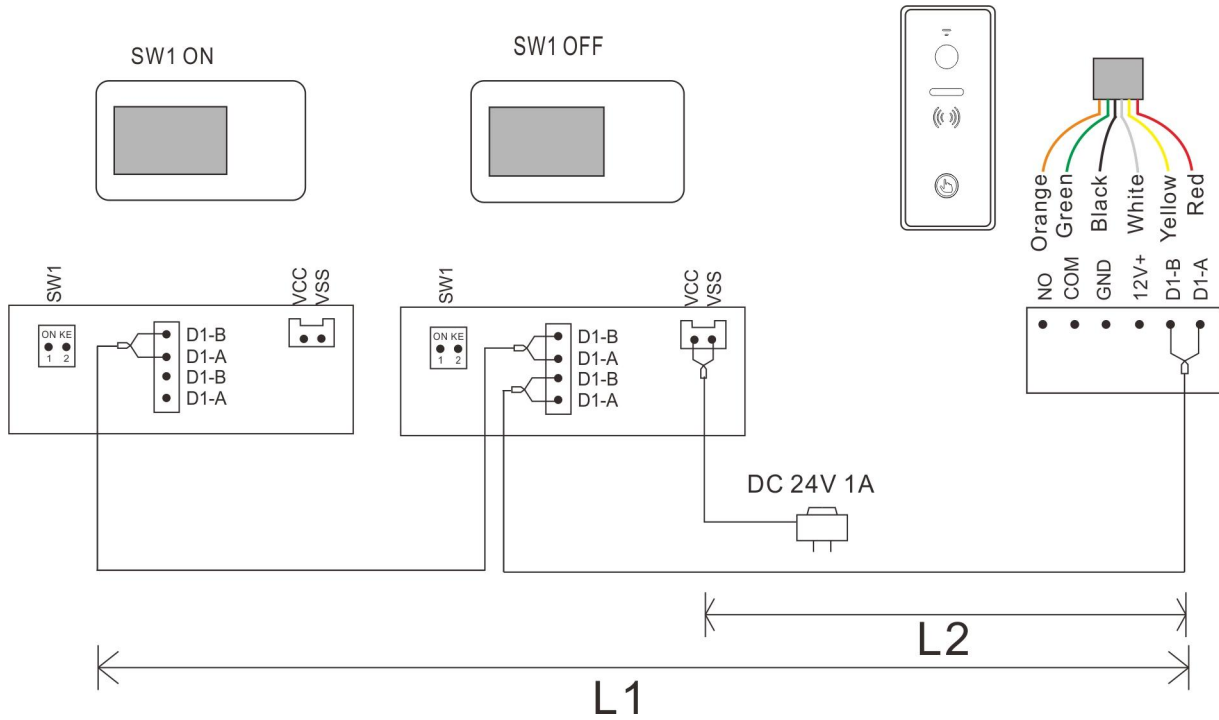


5. Wiring Diagram

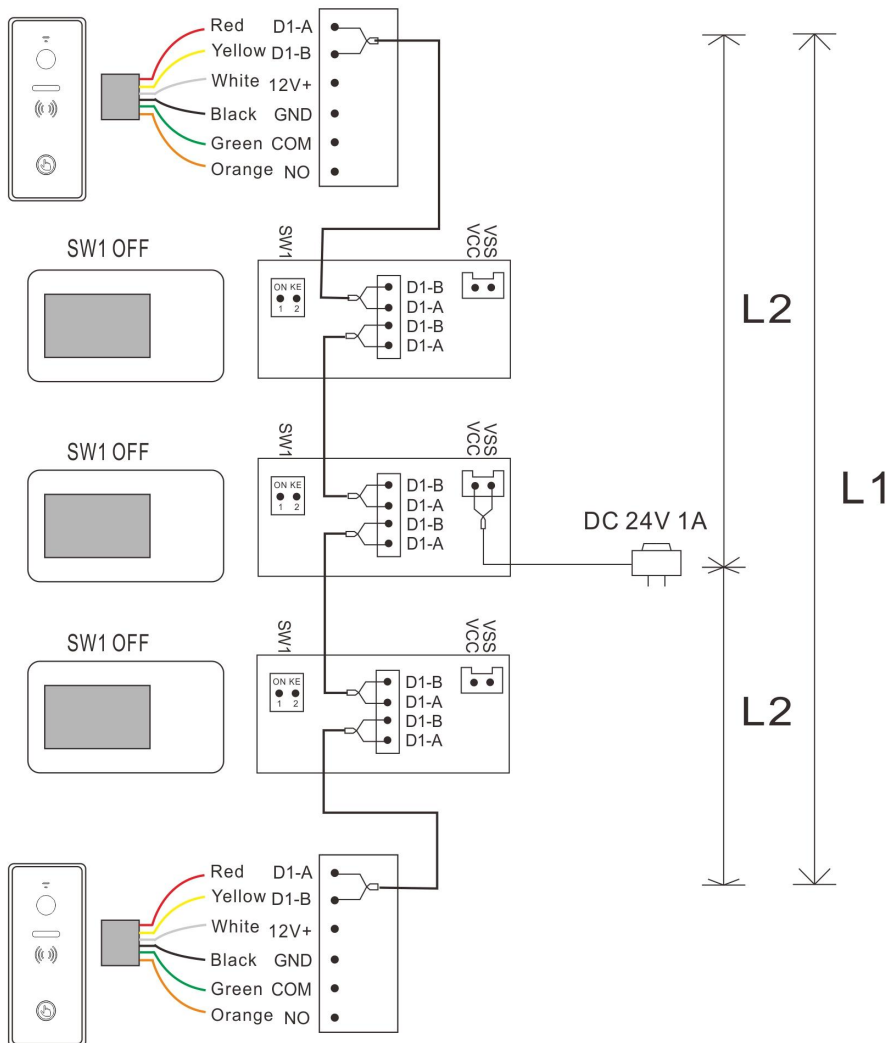
5.1 One Monitor with One Door Station



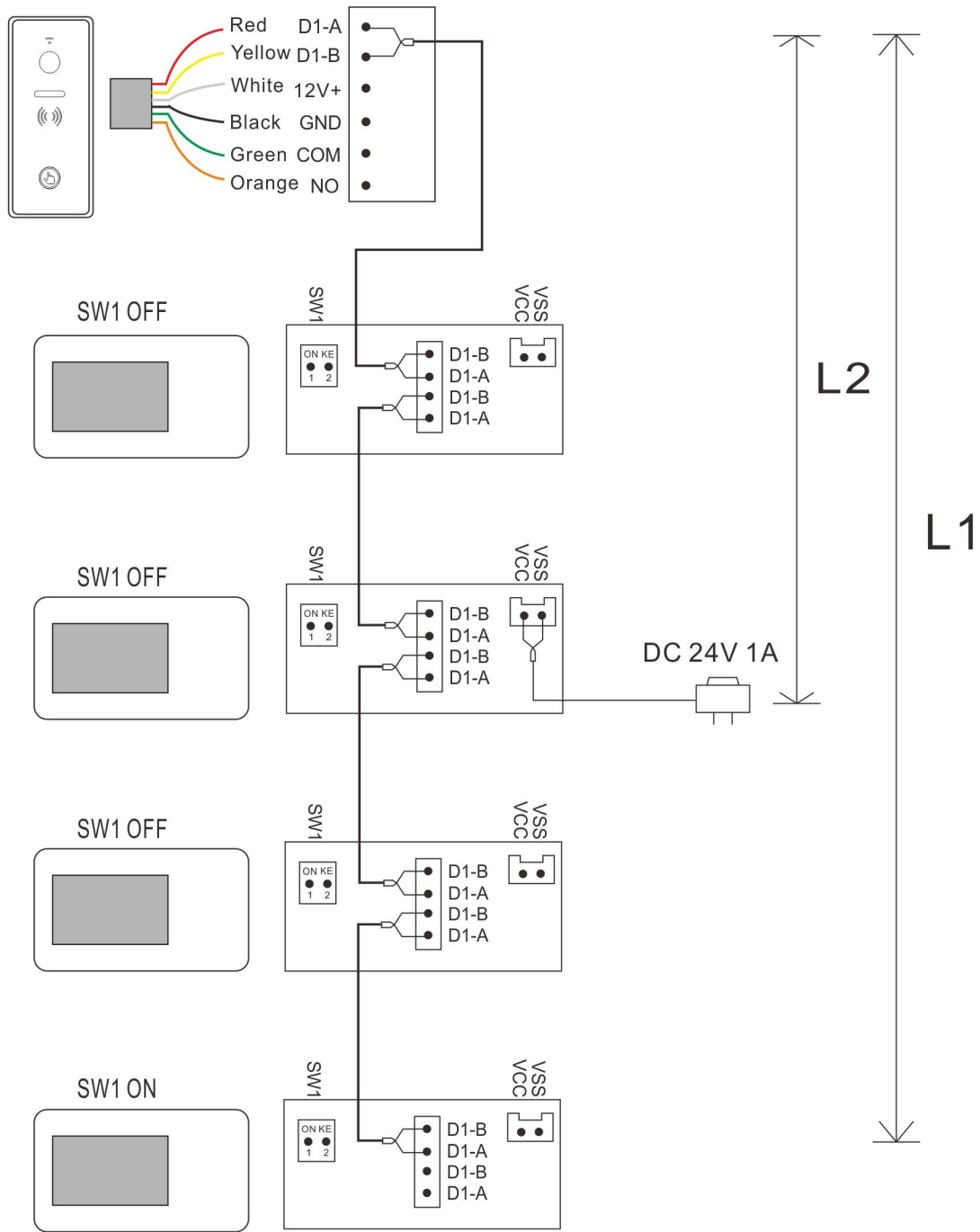
5.2 Two Monitors with One Door Station



5.3 Three Monitors with Two Door Stations



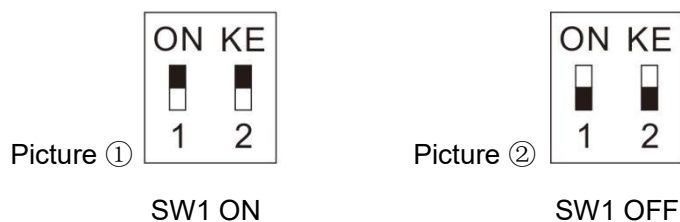
5.4 Four Monitors with One Door Station



Remark:

- (1) The same BUS should use the same wire with same specification.
- (2) Each system can only use 1 adapter power supply. If connect more than 1 adapter power supply, it may cause short circuit and system problem.
- (3) 2-wire BUS terminal match setting: The last monitor on 2-wire BUS should set SW1 to be ON. Other monitors should set SW1 to be OFF.
- (4) 2-wire BUS terminal match setting: The last monitor on 2-wire BUS should set SW1 to be ON as below

picture 1. The other monitors should set SW1 to be OFF as below picture 2.



SW1 DIP Switch is ON by default.

(5) L1 represents the length of the BUS.

(6) For the total length limit of BUS, please refer to the Wire Distance.

(7) The BUS has no polarity.

(8) The default address of the monitor is 1, and the door station can call directly to the monitor after installation. But if you have changed the address of the monitor, you need to set the **BUTTON ADDRESS** for the door station.

Operation method:

Touch “Device configuration” in the System Setting menu of 2-wire indoor monitor to enter the “Doorbell list”, select the door station needs to set , then enter the “Add to monitoring devices list” menu, choose the “Modify” to input the correct password and enter the modification interface. Go to “Button Address” to set call target for the button.

6. Installation

6.1 Installation Guide

(1) Select a right position for installing indoor monitor. The recommend installation height is 1.5-1.6 meters.

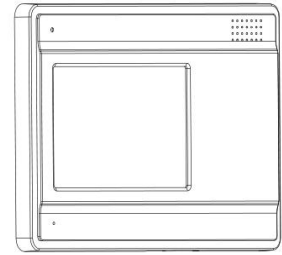
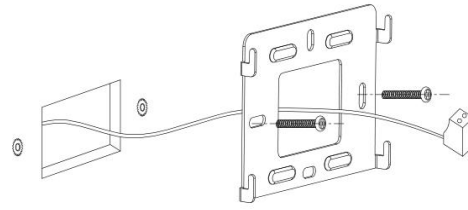
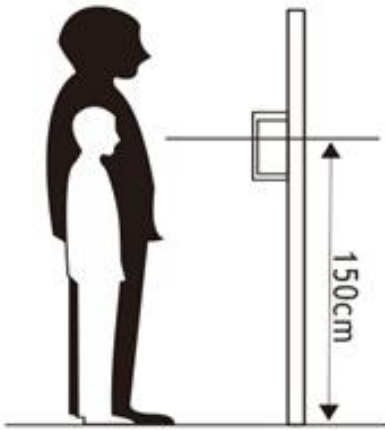
(2) Drill 2 holes according to the wall bracket structure, and insert 2 expansion columns into the holes.

(3) Fix the wall bracket with 2 screws.

(4) Connect the wires according to the system wiring diagram.









(5) Fix the monitor onto the wall bracket.

(6) Power on the monitor to check if the system works properly.



6.2 Wire Specification & Distance

The longest distance of the wiring is limited by using different cables.




NO.	Cable Type	Cable Picture	Intercom distance L1(m) (MAX)	Unlock distance L2 (m) (MAX)
1	Parallel pair cable (BVVB) 2*0.5mm ²		125	125
2	Parallel pair cable (BVVB) 2*0.75mm ²		125	125
3	Twisted cable (ZC-RVS)2*0.5mm ²		150	150
4	Twisted cable (ZC-RVS) 2*0.75mm ²		150	150
5	Single pair cable (Standard CAT-5)		150	100
6	Double pair cable (Standard CAT-5)		200	150
7	Telephone line (HBV) 2*0.2mm ²		50	50
8	Parallel pair cable 2*0.3 mm ²		100	100

Remark:



- (1) Unlock distance L2 means the distance from the 1st door station to the system power supply.
- (2) Intercom distance L1 means the total distance of 2 wire BUS.
- (3) The same BUS should use the same wire with same specification




7. Operation Guide




7.1 Call Answering

After ringing, the visitor's image and the icon  will be showing on the screen. Touch Answer Button  to answer the call, and you can have a maximum 60 seconds talk with the visitor. After finishing talk, touch Return Button  to hang up.



During talk,







Touch Left Button  or Right Button  to adjust the volume.




Touch Answer Button , the icon  will change to , and microphone in monitor will be mute.

Touch Answer Button  again, the icon  will change back to , and the microphone in monitor will be active.


Touch Menu Button  to take a picture.

Touch and hold on Menu Button  to start recording a video, touch Menu Button  again to end recording.

Touch Unlock Button , icons  and  will be showing on the screen, touch Left Button  or Right Button  to choose the unlock target, touch Menu Button  to unlock it.

Touch and hold on Monitor Button  to zoom in the image on screen, touch Left Button  or Right Button  to see the left or right image.

7.2 System Main Menu

Touch Menu Button  at standby state can enter system main menu as below.



Remark:



This icon means the communication is good.



This icon means no communication. Before the 1st time communication, or if there is problem in communication, this remark will be showing on the screen. Once there's communication in the system, the remark “?” will disappear.



This icon means a micro SD card is detected in good condition.




This icon means no micro SD card is detected.








This icon means the inserted micro SD card needs to be formatted.

7.3 Intercom Function





If you install more than one monitor in one family, touch Answer Button  to enter Dial Menu, you can do below operations:

(1) Make Internal Call to Another Monitor

Touch Left Button  or Right Button  to choose DIAL icon  on Dial Menu, then touch Menu Button  to enter a DIAL interface. After input the target room address, touch Left Button  or Right








Button  to move the cursor to Icon , then touch Menu Button  to make a call.

(2) Make Broadcasting to Other Monitors











Touch Left Button  or Right Button  to choose BROADCAST icon  on Dial Menu, then touch Menu Button  to enter BROADCAST interface. All monitors with same ROOM ADDRESS will be showing on the screen. You can select any room or ALL ROOMS to make broadcasting.

Remark: When make broadcasting, the listeners can't talk to the broadcaster.













(3) Call History






Touch Left Button  or Right Button  to choose RECENT icon  on Dial Menu, touch Menu Button  to enter call history interface. Touch Left Button  or Right Button  choose any call history, touch Menu Button  to make a call.

(4) Call Favorites





Touch Left Button  or Right Button  to choose any call history, touch and hold on Menu Button , then icon  will be showing on the screen, touch Menu Button  to add the monitor address to Favorites. When the cursor is on FAVORITES icon  on Dial Menu, touch Menu Button  to enter FAVORITES interface. Touch Left Button  or Right Button  to choose any room number or room name on FAVORITES interface, then touch Menu Button  to make a call.

7.4 Add a Door Station to Monitoring Devices List

Touch Menu Button  to enter MAIN MENU, the cursor stays under MONITOR icon , touch Menu Button  again to enter MONITORING interface. Touch Left Button  or Right Button  to move the cursor to ADD DEVICE icon , all door stations in the system will be showing on the screen. Touch Left Button  or Right Button  to the target door station, then touch Menu Button  to add it to MONITORING DEVICES LIST, and the door station icon and name will be showing on "MONITORING" interface, touch Left Button  or Right Button  to move the cursor to the door station icon, then touch Menu Button  to monitor the door station.

At MONITORING interface, touch Left Button  or Right Button  to move the cursor to a door station icon, then touch and hold on Menu Button , icon  will be showing on the screen, touch Menu Button  to delete the door station from MONITORING DEVICES LIST.







7.5 EPTZ: Zoom In Function

At talking or monitoring state, touch and hold on Monitor Button , the image on the screen will zoom in with same resolution. Touch Left Button  or Right Button  to move the image to see the left or right. Touch and hold on Monitor Button  again, the image returns to the normal.









7.6 Do Not Disturb Function

You could enable DO NOT DISTURB function if you don't want to be disturbed by ringing.

Method 1:

Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to SILENT icon , touch Menu Button , the DO NOT DISTURB function will be enabled, and the icon will change to .




Method 2:



Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to SETTING icon , touch Menu Button  to enter SETTINGS interface, touch Menu Button  again to enable the SILENT mode. At the same time, the SILENT icon  on Main Menu will change to  automatically.

7.7 Photo Taking and Video Recording



Both auto-recording & manual recording are available.

(1) Manual recording

At talking or monitoring state, touch Menu Button  to take a picture. Touch and hold on Menu Button  to start recording a video, and a icon  will be showing on the screen. Touch and hold on Menu

Button  to end recording, and the icon  will disappear.

(2) Auto-recording

Touch Left Button  or Right Button  to move the cursor to ACTION FOR RINGING at SETTINGS

interface, then touch Menu Button . There are 4 options:




DO NOTHING

TAKE A PHOTO

RECORD A VIDEO

TAKE A PHOTO AND RECORD A VIDEO

7.8 Photo/Video Playback and Delete




Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the

cursor to PHOTO icon  , touch Menu Button  to enter IMAGE interface, touch Left Button 

or Right Button  to choose EXTERNAL MEMORY or INTERNAL MEMORY, touch Menu Button 


to enter next menu. Same operation till you can see images files. When the cursor stays on any image file,

touch Menu Button  to view it. Touch Left Button  or Right Button  to view the previous photo or next photo.

Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the

cursor to VIDEO icon  , touch Menu Button  to enter VIDEO interface. Then same operation as




above photo checking to check video files.

When the cursor stays on any photo or video file, Touch and hold on Menu Button , a DELETE icon



 will be showing on the screen, touch Menu Button  again to delete the photo file or video file.

7.9 Audio Record/Playback/Delete

7.91 Audio Record







Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the

cursor to RECORD icon , TOUCH Menu Button  again to start recording an audio file, the red












round icon  will be changed to green square icon , and a timer will be showing on the screen.

Touch Menu Button  to end recording.






7.92 Audio Playback

All the audio files are listed on the right side, and there would be a MESSAGE icon behind the unchecked files. Touch Left Button  or Right Button  to move the cursor to audio files list, touch Menu Button  to choose the 1st audio file, touch Left Button  or Right Button  to move the cursor to the target audio file. Touch Menu Button  to play it.








Also users can check the recorded audio files from the main menu:

If there are unchecked audio messages, there would be a number on the right top corner of the AUDIO icon . Touch Left Button  or Right Button  to move the cursor to AUDIO icon , touch Menu Button  to enter it. Touch Left Button  or Right Button  to choose EXTERNAL MEMORY or INTERNAL MEMORY, touch Menu Button  till you see the audio file list. Touch Left Button  or Right Button  to move the cursor to the target audio file, then touch Menu Button  to play it.






7.93 Audio File Delete

Touch Left Button  or Right Button  to move the cursor to the target audio file, touch and hold on Menu Button , a DELETE icon  will be showing on the screen, touch Menu Button  again to delete it.









Remark:

If you want to **delete all the audio/picture/video files**, touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to SETTING icon , touch Menu Button  to enter SETTINGS interface, touch Left Button  or Right Button  to move the cursor to DELETE, then you can choose to delete all the audio/picture/video files in external memory or internal memory.









8.0 Storage Information Checking

Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to STORAGE INFO icon , touch Menu Button  to enter STORAGE INFORMATION interface, and you can see the detail storage information for external memory or internal memory.

8.1 Alarm Clock Function

Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to SETTING icon , touch Menu Button  to enter SETTINGS interface, touch Left Button  or Right Button  to move the cursor to ALARM CLOCK. Alarm clock volume and 6 groups alarm clock can be set according to the users' needs. When the alarm clock is triggered, touch Menu Button  to stop it. If nobody stops the alarm clock, it will alarm again in 1 minute, after that it will be stopped automatically.










8.2 DVR Function

Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to SETTING icon , touch Menu Button  to enter SETTINGS interface, touch Left Button  or Right Button  to move the cursor to DVR SETTING, touch Menu Button  to enter DVR SETTINGS interface. 3 Time Frame of working time can be set. Choose one TIME FRAME, enable it, set BEGINNING TIME, END TIME & RECORD SOURCE NAME. The DVR will work automatically when it reaches the BEGINNING TIME.

Remark:

- (1) DVR only records video, no audio.
- (2) It requests at least 2G SD card to support DVR function. 16GB and 32GB SD card are recommended.
- (3) It records with a normal speed (about 25 to 30f/s) when there's a moving object detected. And it records with a lower speed when there's no moving object detected (about 3f/s).
- (4) If set the BEGINNING TIME and END TIME same, the DVR function will work all the time.

8.3 Backup Internal Memory

If you want to backup all the recorded files from the internal flash to SD card, touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to SETTING icon , touch Menu Button  to enter SETTINGS interface, touch Left Button  or Right Button  to move the cursor to BACKUP INTERNAL MEMORY, the icon  will be showing on the screen, touch Menu Button  to confirm the backup.















8.4 Set User's Own Ringtone

Users can not only choose the preset ring tones in the monitor, but also can set their own mp3 files as ring

tone.












Operation as below:

Create a folder named *eRingTone* into a micro SD card, then copy mp3 files into the folder. Insert the micro

SD card into monitor. Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to SETTING icon , touch Menu Button  to enter SETTINGS interface, touch Left Button  or Right Button  to move the cursor to RINGTONE TYPE, touch Menu Button  to enter RINGTONE TYPE interface, touch Left Button  or Right Button  to move the cursor to DOOR TRIGGER RINGTONE TYPE, touch . Find Menu Button  to enter DOOR TRIGGER RINGTONE TYPE. Touch Left Button  or Right Button  to move the cursor to the target mp3 file, touch Menu Button  to confirm the ringtone.









9. System Settings

9.1 System Time Setting

Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to SETTING icon , touch Menu Button  to enter SETTINGS interface, touch Left Button  or Right Button  to move the cursor to SYSTEM TIME. The time format is: Year: Month: Day :Hour: Minute: Second. After setting, touch Return Button , a submenu of CANCEL & CONFIRM will be showing on the screen, touch Left Button  or Right Button  to choose CONFIRM, then touch Menu Button  to save the setting.

9.2 Password Setting

9.21 The Password for System Setting and Submenu Setting

Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to SETTING icon , touch Menu Button  to enter SETTINGS interface, touch Left Button  or Right Button  to move the cursor to PASSWORD PROTECTION, then touch Menu Button  to choose protection mode.

There are 3 protection modes:

- (1) No Protection: No need to input password for all settings.
- (2) Partial Protection: Need to input password for entering some submenu setting. But no need to input password to enter SETTINGS interface.
- (3) All Protection: Need to input password to enter SETTINGS interface and submenu setting.
























Remark:

- (1) You can set a 4 digits password after choosing protection mode (the default password is 0000).
- (2) When input password, choose icon # to confirm, choose icon * to clear the input.

9.22 Doorbell List Password Protection

If enable any password protection mode in 9.21, you need to input password to enter MODIFY interface for doorbell list. The default password is 0, and it can be set differently as System Setting password.

Operation Guide:

Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to SETTING icon , touch Menu Button  to enter SETTINGS interface, touch Left Button  or Right Button  to move the cursor to DEVICE CONFIGURATION, then input password to enter DEVICE CONFIGURATION interface. Touch Left Button  or Right Button  to move the cursor to DOORBELL LIST, touch Menu Button  to enter DOORBELL LIST interface, touch Left Button  or Right Button  to choose a door station, then touch Menu Button , a submenu will be showing on the screen. Touch Left Button  or Right Button  to choose MODIFY, then touch Menu Button  to enter PASSWORD interface, input default password 0 and choose # to enter MODIFY interface. Touch Left Button  or Right Button  to choose PASSWORD SETTING, then touch Menu Button  to enter PASSWORD SETTING interface. You can set a new password with 1 to 8 digits. After setting, touch Return Button , a submenu of CANCEL & CONFIRM will be showing on the screen, touch Left Button  or Right Button  to choose CONFIRM, then touch Menu Button  to save the setting.

Remark:

When input password for DOORBELL LIST, only needs to input from the first number which is not 0.

9.23 Password Reset

- (1) System Password Reset

If you forget the system password, please follow below process to reset.




















Restart the monitor, then go to SETTINGS interface at once. It does not need password to enter SETTINGS interface for the 1ST TIME when restart the monitor. Go to PASSWORD PROTECTION to check and change

the password if you need.

(2) Doorbell List Password Reset

If you forget the Doorbell List password for one door station, press and hold on the reset button of the door station, then reboot the door station. The password resets successfully after two beeps.

9.3 Room Address Setting

Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to SETTING icon , touch Menu Button  to enter SETTINGS interface, touch Left Button  or Right Button  to move the cursor to DEVICE CONFIGURATION. Touch Left Button  or Right Button  to move the cursor to ROOM ADDRESS, touch Menu Button  to enter ROOM ADDRESS interface. Then you can set the ROOM ADDRESS as you want. When you want to set one digit, touch Left Button  or Right Button  to move the cursor to it, then touch Menu Button  to choose it, touch Left Button  or Right Button  again to set the number as you want. Same operation to set other digits. After setting, touch Return Button , a submenu of CANCEL & CONFIRM will be showing on the screen, touch Left Button  or Right Button  to choose CONFIRM, then touch Menu Button  to save the setting.









Remark:







- (1) The full ROOM ADDRESS is 8 digits, but when you make an internal call, you only need to input from the 1st number which is not 0.
- (2) For the monitors which installed in one family, the ROOM ADDRESS must be set the same. When the door station calls, all the monitors will ring at the same time in this family, and you can answer from any of them.








9.4 Device Name Setting

9.41 Monitor Name setting









You can set a name for each monitor. You only need to choose the names when you make an internal call.

Touch Menu Button  to enter MAIN MENU, touch Left Button  or Right Button  to move the cursor to SETTING icon , touch Menu Button  to enter SETTINGS interface, touch Left Button  or Right Button  to move the cursor to DEVICE CONFIGURATION, touch Menu Button  to enter DEIVCE NAME edit interface, then you can set a name as you want. When editing the name, touch Left







Button  or Right Button  to move the cursor to the line of the 1st letter, then touch Menu Button  to enter the line, touch Left Button  or Right Button  again to move the cursor to the 1st letter of the DEVICE NAME, touch Menu Button  to input it. Same operation to input other letters.

If you want to input a letter in another line, touch Return Button  to exit the choosing state, touch Left Button  or Right Button  to move the cursor to the line of the target letter, touch Menu Button  to enter the line, touch Left Button  or Right Button  again to move the cursor to the target letter, touch Menu Button  to input it.








9.42 Door Station Name setting





Go to MODIFY interface of DOORBELL LIST as same operation as 9.22. When the cursor stays on the DEVICE NAME, touch Menu Button , then touch Left Button  or Right Button  to choose the door station which you want to revise the name, touch Menu Button  again to enter the name edit interface. Then you can edit a name as you want. After setting, touch Return Button , a submenu of CANCEL & CONFIRM will be showing on the screen, touch Left Button  or Right Button  to choose CONFIRM, then touch Menu Button  to save the setting.

9.5 Reset Some Parameter in System

Go to RESET in SETTINGS interface. touch Left Button  or Right Button  to move the cursor to parameters which you want to reset, then touch Menu Button , a submenu of CANCEL & CONFIRM will be showing on the screen, touch Left Button  or Right Button  to choose CONFIRM, then touch Menu Button  to confirm the reset operation.

10. Door Station Setting

Touch Left Button  or Right Button  to move the cursor to DEVICE CONFIGURATION in SETTINGS interface, then input password to enter DEVICE CONFIGURATION interface. Touch Left Button  or Right Button  to move the cursor to DOORBELL LIST, touch Menu Button  to enter DOORBELL LIST interface, touch Left Button  or Right Button  to choose a door station, then

touch Menu Button , a submenu will be showing on the screen. Touch Left Button  or Right Button  to choose MODIFY, then touch Menu Button  to enter PASSWORD interface, input default password 0 and choose # to enter MODIFY interface. Then you can set all parameters for the door station.

10.1 Device Name(Door Station Name)

Please Refer to 9.42.

10.2 Device NO.




The full DEVICE NO. for door station is 8 digits, you can set as you want. But if there are more than 1 door station in the system, it's not allowed to set 2 door station with same device no.

10.3 Button Address (Set Calling Target)

The default BUTTON ADDRESS is 1, and the default ROOM ADDRESS in the monitor is 1 too. So you can call directly to the indoor monitor after installation.

But if you have changed the ROOM ADDRESS in the monitor, you need to set calling target the button of the door station too.

Operation way:

Touch Left Button  or Right Button  to move the cursor to BUTTON ADDRESS 1, touch Menu Button , then you can set a ROOM ADDRESS you want to call. After setting, you can call to the monitors with this room address by pressing the call button on the door station.

Remark:

If the BUTTON ADDRESS does not set as same as the ROOM ADDRESS of the target monitor, the monitor can monitor the door station, but the door station can not call to the monitor.

10.4 Private Device


If enable this function, this door station can be set as a private device for one family. The private door station can only be monitored by this family, and it can only call to this family.

10.5 Monitor

If enable this function, the door station can be monitored by indoor monitors. If disable this function, the door station can not be monitored by indoor monitors.

10.6 Set the Doorbell Unlock Parameters

10.61 Monitor Unlock

If enable this function, you can unlock the door or gate at monitoring state by touching UNLOCK Button .

If disable this function, you can only unlock the door or gate at talking state by touching UNLOCK Button



10.62 Door Lock State

If you connect a door lock to the system, you need to enable this function, and set **UNLOCK TIME** for it. Also you need to set UNLOCK SIGNAL TYPE(NORMAL OPEN or NORMAL CLOSE) according to door lock type.

10.63 Gate Lock State

If you connect a gate lock to the system, you need to enable this function, and set **UNLOCK TIME** for it, also you need to set UNLOCK SIGNAL TYPE(NORMAL OPEN or NORMAL CLOSE) according to gate lock type.

10.64 Exit Button Control Type

Set exit button control target, it can be gate or door according to the actual installation. Press the exit button can open the door/gate.

10.7 Associated Unlocking Device

The associated unlocking device information will only display after the unlock devices are connected into the system.











10.8 Elevator control state

It can disable/enable elevator control function.

10.9 Set the Doorbell Speaker Volume

You can set 10% to 100% volume according to actual needs.

11.0 Adjust the Viewing Angle

You can adjust the viewing angle for the door station. Touch Left Button  or Right Button  to move the cursor to ADJUST THE VIEWING ANGLE, touch Menu Button  to start monitoring. Touch and hold on the Monitor Button , the image on the screen will zoom in, then touch Left Button  or Right Button  to choose the place you want to zoom in. After that, touch Return Button  twice, a sub menu of CANCEL & CONFIRM will be showing on the screen, touch Left Button  or Right Button  to choose CONFIRM, then touch Menu Button  to save the setting. After that, the screen will be only showing the chosen zoom in place when be called by the door station.

11.1 Set the Doorbell Configuration Password

The password can be maximum 8 digits. You only need to input from the first digit which is not 0.

11.2 Setup Mode

It's on by default. At this state, the ROOM ADDRESS and FLOOR POSITION of the monitors in the network can be set freely. If disable it for all the door stations in the network, the addresses of the monitors in the network can not be changed.

So if you do not want users to change the monitors address by mistake, please disable this function for all door stations after installation.

12. System setting

No.	Setting item	Item	Introductions
1	Sounds settings	Silent	Off by default. If enable it, the monitor will not ring when be called.
		Ringtone type	Repeat ringtone : If disable it, the monitor rings only once when be called.
			Door ringtone type: Set the ringtone for the door station call. 8 tones are optional.
			Intercom ringtone type: Set the ringtone for internal call. 8 tones are optional.
		Ring time	Duration time of ringing: 10S~60S is optional.
Ring volume	Ring volume for doorbell call Ring volume for monitor call		
2	Display date and time information during standby	Displays date and time during standby	Off by default. You need to enable this function if you want it.
3	Action for ringing	Do nothing	No any automatic action when called by door station.
		Take a photo	Take a picture automatically when be called by door station.
		Record a video	Record a video automatically when be called by door station.
		Take a photo and record a video	Take a picture and record a video automatically when be called by door station.
4	Brightness	Low/Normal/High	Set the brightness for the screen.
5	Alarm Clock	The alarm clock settings	Alarm Clock volume: 10% to 100% is optional.
			Alarm Clock 1, 2, 3, 4, 5, 6. Each alarm clock can be set separately.
			State: On/Off alarm function
			Alarm clock type: week/month/year/Once
			Date&Time: Set the alarm time. Format is: Year/Month/Day/Hour/Minute
			Alarm Clock ringtone: 8 tones are optional. Repeat for week (Valid when set alarm as every week type):

			Set which days the alarm clock works.
6	DVR setting	Screen savers time	Never/1/2/5/10/30 Minutes are optional.
		Time section 1/2/3	DVR function : On/Off DVR function
			Begin time
			End time
			Record source: Choose the record device.
7	Password Protection	Protection Mode	No protection: No password is required to enter the Settings menu and its sub menu.
			Partial protection: Need to input password when you enter a password-protected submenu in the Settings menu.
			All protection: Need to input password when enter both the Settings menu and password-protected sub menus.
		Allow resetore default from the network	If enable it, its parameters can be reset from other device in the same 2 wire BUS network.
8	System time	Format:Day:Month:Year:Hour:Minute:Second	
9	Device configuration	Device name	For editing the monitor name.
		Room address	Set room address(The address of the same apartment/family must be set to the same).
		Call management center	You can set the Management Center Address when enable it.
		Manage center addr	Any indoor monitor can be set as a management center.
		The last digit displays as a letter	The last digit of the room address will show as a letter if enable it.
		Floor position	
		Monitoring devices list	Display a list of monitoring devices.
		Private doorbell list	Display a list of private door station list.
		Add monitoring device in monitoring interface	If you want to monitor the door stations, you need to monitor them here.
		Delete device in monitoring interface	
		Doorbell list	View only
			Modify: for setting door station, it needs to enter the correct password to enter modify interface.
			Cancel
			Device name: Set a name for the door station.
Device NO.: If there are more than 1 door station in the system, it's not allowed to set 2 door station with same device no.			
Button address: For setting call target address of each button on the door station.			
Private device: It can only call to this family or be monitored by this family if enable it.			

			<p>Trigger: It only displays after enable PRIVATE DEVICE. The private door station can only make a call to this family after enable this function.</p>
			<p>Monitor: If enable this function, the door station can be monitored by indoor monitors. If disable this function, the door station can not the monitored by indoor monitors.</p>
			<p>Monitor unlock: If enable this function, user can unlock the door or gate by touch UNLOCK icon at monitoring state.</p>
			<p>State: Enable/Disable door lock</p>
			<p>Unlock Time: 0.8 seconds to 30 seconds is optional.</p>
			<p>Unlock signal type:Normal open /close</p>
			<p>Door Lock State: You can set door lock unlock time and unlock signal type.</p>
			<p>State : Enable/Disable gate lock</p>
			<p>Unlock Time: 0.1 seconds to 30 seconds is optional.</p>
			<p>Unlock signal type:Normal open /close</p>
			<p>Gate Lock State: You can set gate lock unlock time and unlock signal type.</p>
			<p>Exit button control type: For choosing exit button control target: Door or Gate lock.</p>
			<p>Associated unlocking device state</p>
			<p>Associated unlocking device</p>
			<p>Elevator control state</p>
			<p>Tamper state: The tamper in the door station will be active after enable this function, and it will alarm when someone tries to disassemble the door station.</p>
			<p>Room number to receive the tamper alarm: When someone tries to disassemble the door station, the monitors with the set room number will receive the alarm.</p>
			<p>Check door state: If enable this function, the system will check the door state after longest door open time.</p>
			<p>Magnetic contact node type: Can set Normal Close or Normal Open.</p>
			<p>Longest door open time :1-30minutes is optional</p>
			<p>Volume: For setting the door station speaker volume.</p>

			Adjust the viewing angle: for setting the viewing angle for door station calling.
			Password Setting: Set the password to enter the Doorbell list.
			Setup mode: On by default. If disable it, the addresses of the monitors in the network can not be changed.
			Allow reset default from the network: Off by default. If enable it, engineering people can reset factory parameters for the door station from the network.
			About the network state: It's for the engineering people to check the network state.
			About this device: check product number and program version.
		Unlock device list	The list will only display after the unlock devices are connected into the system.
10	Language	Default English	
11	Backup Internal Memory	Backup file in internal flash.	
12	Delete	Erase audio files in internal memory	
		Erase photos files in internal memory	
		Erase videos in internal memory	
		Erase all content internal memory	
		Erase audio files in external memory	
		Erase photos in external memory	
		Erase videos in external memory	
		Erase all content external memory	
13	Reset	Reset talk parameter	
		Reset alarm clock parameter	
		Reset unread tags in internal memory	
		Erase unread tags in external memory	
		Erase all unread tags	

14	About the network state	Program Version	This item is only for the engineering people to check the network state of the system.
15	About this device	Program Version	
		Upgrade Program	

12. Audio record /Video/DVR function parameters

Item/Time	Record	Video	DVR	Monitoring	Talking Time	Other interface
Without TF card	About 30 seconds	About 8 seconds	NO	5 Minutes (The longest time)	1 Minute (The longest time)	10 Minutes (The longest time)
With TF card	About 120 seconds	About 15 seconds	The time of every DVR file is about 300 seconds when it detects the moving object. (maximum time per file) and about 48 minutes when it doesn't detect the moving object.			

13. Specification

NO.	Items	Content
1	LCD	4.3 inch digital (480*272)
2	Intercom type	Hands free
3	Communication	Digital two wire
4	Audio distortion	Less than 3%
5	Frequency response	400-3.5K
6	Wire distance	Less than 150 meters (Refer to 6.2 for details)
7	Audio	Digital signal(bidirectional)
8	Video	Digital signal(Input)
9	Button	Touch button (7 button)
10	Internal call	Support
11	Extension monitors	Support
12	Power Supply	DC15-30V
13	Power Consumption	4W (MAX),1.5W (standby)
14	Working temperature	-10℃ ~ +40℃
15	Storage temperature	-30℃ ~ +60℃
16	Dimension	180*112*17MM

Products are subject to change without prior notice.