Panasonic

Important Information and Quick Guide

Model Name	Model No.
Video Intercom System	VL-SA74CX
Main Monitor Station (7 Inches)	VL-MA74CX
Door Station	VL-VA504CX

Door station

Main monitor station

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Thank you for purchasing a Panasonic product.
Please read this document before using the product and save it for future reference.
Carefully read the information found in the section titled "For your safety" in particular.
For further information about features and operations, visit our Web site and find the document:
https://www.panasonic.com/mea/en/business/security/video-intercom.html

Installation Guide is supplied separately.

This system is an auxiliary system; it is not designed to provide complete protection from property loss. Panasonic will not be held responsible in the event that property loss occurs while this system is in operation.
Customer care number: (+971) 48007262
Email:customercare@ae.panasonic.com

The images shown are for illustration purposes only and may not be an exact representation of the product.

1.Introduction

1.1 Model Composition

Model composition	Main Monitor Station*1 (Main monitor*2)	Door Station (Doorphone*2)
VL-SA74CX	**VL-MA74CX**	**VL-VA504CX**

*1. Can be configured to be used as an extension monitor
*2. Product name used in this document

Caution:
- Before attempting to connect or operate this product，please read the label on the rear of the main monitor.

1.2 Accessory Information

1.2.1 Supplied accessories

Note:
- Accessories for installing the main monitor and the doorphone are described in the supplied Installation Guide

1.3 Features

7" TFT capacitive touch screen
Hands-free intercom
2MP HD Video resolution
7 different melody ring tones for option
IP65 waterproof, damage-proof with IK08
Support releasing electric door lock
Support maximum 2 outdoor units works with 4 monitors, and 2 IP CCTV cameras
Video / Snapshot recording saved in Micro SD card
External storage up to 256GB
Multi-language option
Brightness, melody volume can be adjusted via monitor
White LED for color night vision
Work with Panasonic SmartWiFi App
Remote video intercom with your visitor via your mobile phone
Snapshot with built in memory of 100 images

1.4 General Information

- In the event of problems, you should contact your equipment supplier in the first instance.
- The available products differ depending on your region. For more information, please consult your dealer
- In this document, the suffix of each model number (e.g., the"CX"in"VL-SA74CX") is omitted unless necessary. When the suffixes are used to describe models (e.g., "CX models"), the suffixes refer to all models in the series
- Design and specifications are subject to change without notice
- The illustrations in the supplied document may vary slightly from the actual product.

Graphical symbols for use on equipment and their descriptions

1		2		3		4		5		6	
7		8		9		10		11		12	

1. Alternating current (A.C.) 2. Direct current (D.C.) 3. Protective earth 4. Protective bonding earth 5. Functional earth 6. For indoor use only 7. Class P equipment (equipment in which protection against electric shock relies on Double Insulation or Reinforced Insulation) 8."ON" (power) 9."OFF" (power) 10.Stand-by (power) 11."ON"/"OFF" (power; push-push) 12. Caution, risk of electric shock

2.1 For your Safety

To prevent severe injury and loss of life/property, this section carefully before using the product to ensure proper and safe operation of your product.

⚠ WARNING

Preventing fire and electric shock

- Use only the power source marked on the product. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
- Use only the specified power supply unit.
- Do not attempt to disassemble or modify this product. Contact an authorised service centre for repairs.
- Never touch the power supply unit with wet hand.
- Do not use the product (excluding the doorphone) in areas that are exposed to rain, moisture, steam, or oily smoke, or areas that have excessive dust.
- Do not perform any actions (such as fabricating, twisting, stretching, bundling, forcibly bending, damaging, altering, exposing to heat sources, or placing heavy objects on the power cable) that may damage the power cable. Using the product with a damaged power cable may cause electric shock, short circuits, or fire. Contact an authorised service centre for repairs.
- Do not overload the power outlet or wiring above the specified levels. Overloading by having many connections on one power outlet may cause heat generation, resulting in a fire.
- Never put metal objects inside the product. Never spill any liquid on the product (excluding the doorphone).
  If metal objects enter the product or the product becomes wet, unplug the product from the power outlet and contact an authorised service centre.
- Do not use a microwave oven or other devices, such as electromagnetic cookers, to speed up the drying process of any parts of the product.
- Completely insert the adapter into the power outlets. Failure to do so may cause electric shock and/or excessive heat resulting in a fire.
  Do not use damaged power adapter or power outlets.
- Regularly remove any dust, etc., from the power adapter and power plug by unplugging them from the power outlets, then wiping them with a dry cloth. Accumulated dust may cause an insulation defect from moisture, etc., resulting in a fire.
- Unplug the product from the power outlet if the product emits smoke, an abnormal smell or makes unusual noise, or if the product has been dropped or physically damaged. These conditions can cause fire or electric shock. Confirm that smoke has stopped emitting and contact an authorised service centre.
- Hold the main body (not the metal parts) of the adapter when unplugging them.
  Unplugging the adapter while holding their cords or cords' plugs may result in fire, electric shock, or injury.

⚠ CAUTION

Preventing accidents, injuries, and property damage

- Do not use the product in unstable areas or areas prone to strong vibrations. This may cause the product to fall, resulting in damage to the product or injury.
- Do not put your ear(s) near the speaker, as loud sounds emitted from the speaker may cause hearing impairment.

2.2 Important Safety Instructions

When using this product, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Do not use this product near water. For example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.
2. Use only the power cable, power supply unit, and connecters indicated in this document.

SAVE THESE INSTRUCTIONS

2.3 For Best Performance

Environment

- Keep the unit away from electrical noise generating devices, such as fluorescent lamps and motors.
- The unit should not be exposed to direct sunlight.

- The unit should be kept away from heat sources such as radiators, cookers, etc. It should not be placed in rooms where the temperature is less than -20°C or greater than 40°C (For indoor) & 70°C (For outdoor). Damp basements should also be avoided.
- Do not install the product in locations that are suspect to sudden changes in temperature. Failure to do so may cause condensation to form on the product causing malfunction.
- In areas surrounded by a high electrical field, disturbances may occur in the unit's image or sound.

2.4 Other Important Information

- The adapter is used as the main disconnect device. Ensure that the power outlet is installed near the product and is easily accessible.

Privacy and rights of portrait

When installing or using the doorphone, please take into consideration the rights of others with regard to privacy.

- It is generally said that "privacy" means the ability of an individual or group to stop information about themselves from becoming known to people other than those whom they choose to give the information. "Rights of portrait" means the right to be safe from having your own image taken and used indiscriminately without consent.

Personal information

The main monitor's/extension monitor's internal memory records personal information (image and audio recordings of visitors, etc.). Panasonic assumes no liability for any unforeseen damages arising from the exposure of the recorded information.

- Disclaimer

  Recorded data may be altered or deleted as a result of incorrect operations, exposure to static electricity, accidents, malfunction, repairs or other operations. Panasonic assumes no liability for any direct or indirect damages resulting from the loss or alteration of recorded images.

Requesting repairs for the product

- Before submitting the main monitor/extension monitor for repair, initialize them. This will delete all information saved in the main monitor/extension monitor.*1
- Even if the product is sent for repairs without being initialized, the memory (including recorded data and settings) for the main monitor/extension monitor may be cleared and set to factory default after repair.
- If operations cannot be performed due to the main monitor/extension monitor malfunction, consult with the place of purchase for appropriate action.

Note for product disposal, transfer, or return

- This product can store your private/confidential information.

  To protect your privacy/confidentiality, we recommend that you erase the information (recorded images) from the memory before you dispose of, transfer or return the product.

  All the recorded images can be erased at once by initializing the main monitor/extension monitor.*1

*1Main monitor/extension monitor: perform “System reset” in “General setting”.

Others

- It is prohibited to disassemble or modify this product. Contact the dealer where you purchased this product for repair.
- When power fails, this product cannot be used.
- For the recorded image:

  The recorded image may be lost when:

  –Mishandled

  –Electric shock occurs.

  –The power is turned off during use.
- Panasonic may not be liable for damages due to external factors such as power failures.
- If you stop using the main monitor/extension monitor and the doorphone, remove the main monitor/ extension monitor and the doorphone from the walls to prevent them from falling off. (Consult your dealer for information about removing the product.)

2.5 Cleaning

Wipe the product with a soft, dry cloth.

For excessive dirt, wipe the product with a moist cloth.

Important:

- Do not use any cleaning products that contain alcohol, polish powder, powder soap, benzine, thinner, wax, petroleum, or boiling water. Also do not spray the product with insecticide, glass cleaner, or hair spray. This may cause a change in colour or quality of the product.

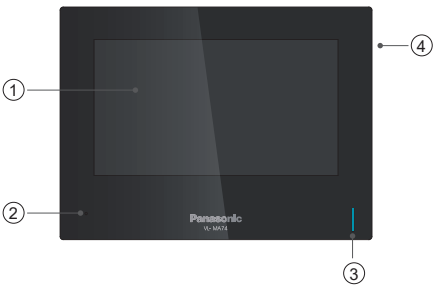
3. Preparation

3.1 Operation buttons

Door station

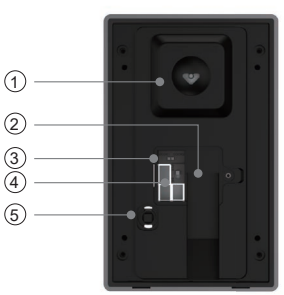
1. Microphone
2. Camera lens
3. White LED
4. Speaker
5. Call button and indicator
6. RFID reader

Main monitor station / extension monitor



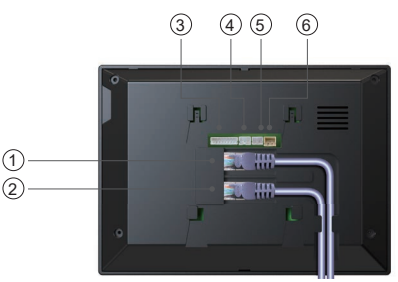
1. Indoor unit / monitor
2. Microphone
3. Power LED
4. Micro SD card slot

Back side of door station explanation



1. Camera Angle Adjustment
2. LAN
3. Switch(DOOR1/DOOR2)
4. Switch(POE/DC)
5. Tamper alarm

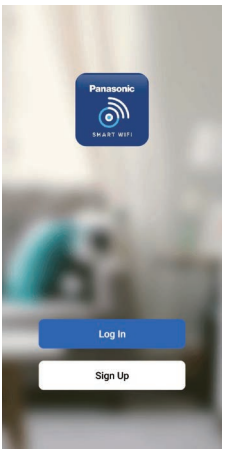
Back side of monitor explanation



1. PoE
2. LAN
3. ALARM
4. NO / COM / NC
5. BELL
6. DC Adapter 15V

If the device is paired on a smart phone, it can't be paired on other smart phones.
(You can pair again in case the device is removed on other smart phone.)

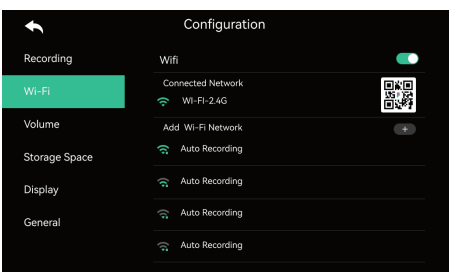
1)Sign Up

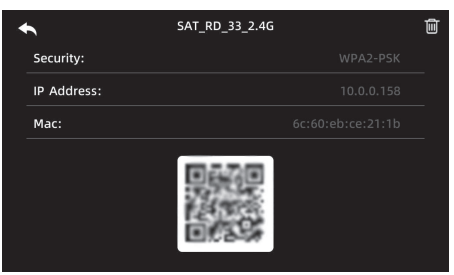


-Install and run the “Panasonic SmartWiFi” App on your smart phone.
-Select “Sign up”
-Select your country
-Enter “Email Address (ID)” and select “Get Verification Code”
-Enter the “Verification Code” sent by email
-Set your password

2) Add Device On Smart Phone

Step 1: Connect the monitor to the Wi-Fi network.
-Click “Setting” and enter setting menu, then click “Wi-Fi”, and select and connect the available Wi-Fi.
-After connected to the network, click the connected Wi-Fi name and a QR code will be shown as below.

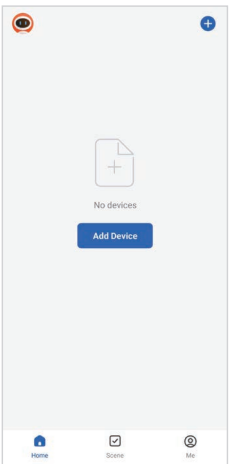


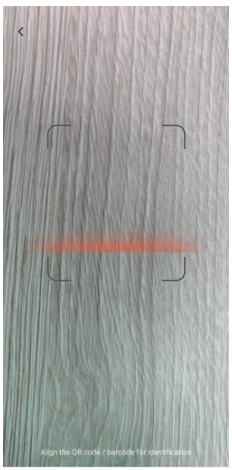


4. Use On Smart Phone

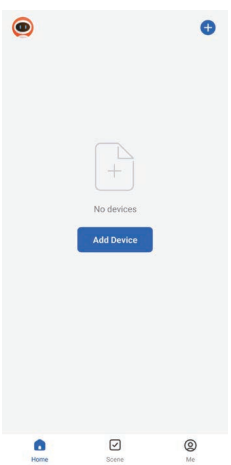
Step 2: Please make sure your phone is connected with WiFi or mobile data and scan the QR code to pair it.
- Click “Add Device” in App, then press VDP icon “ ” (Method 1) or directly select scan icon “ ” in the top right corner (Method 2).
- Scan the QR code on the monitor with your smart phone to start the pairing process.

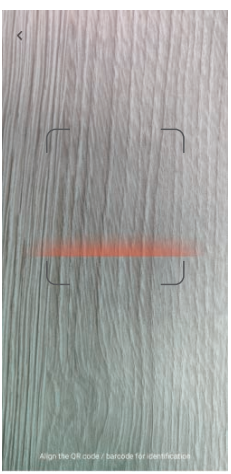
Method 1:



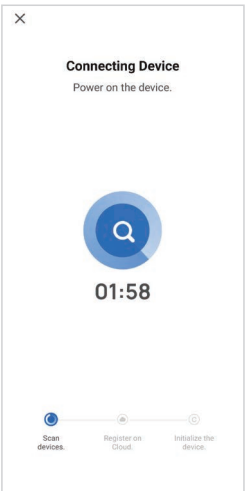


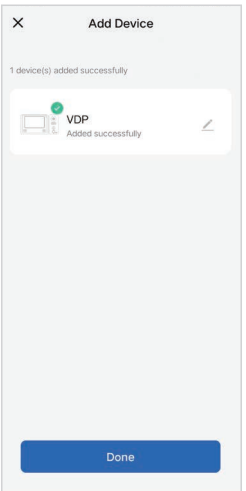
Method 2:

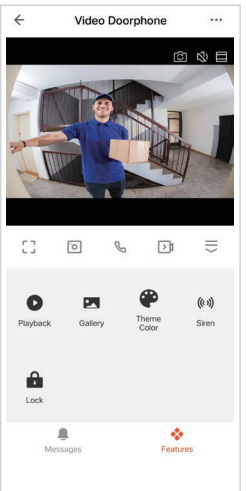




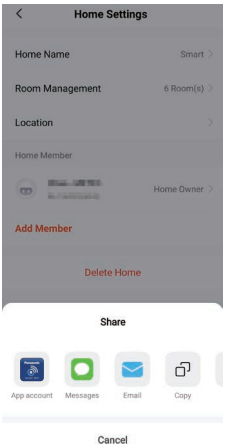
Step 3: Wait for the pairing process to be finished
Please be patient, it will take about 120s. When finished, try to see the live preview.







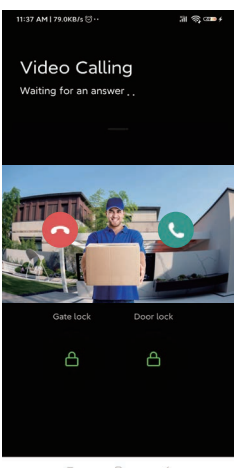
3) How to Share with Family Members

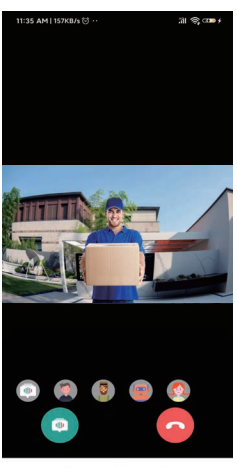


Select “Me” at the bottom of the App.
-Select “My Home” from the “Home Management” setting menu.
-Click “Home Name” to set the home name.
-Select the home (name) you created.
-Select “Add Member”.
-You can choose following methods to share your device with family members.
(In this case, the invitation code will be sent via text message.)
-You can also add the shared device by entering the invitation code in “Home Management” -> “Join a home”.
(The device can be shared up to 4 members including the administrator.)
Note: For unlocking function, only family members can use this function, device directly shared to others can’t support this function.

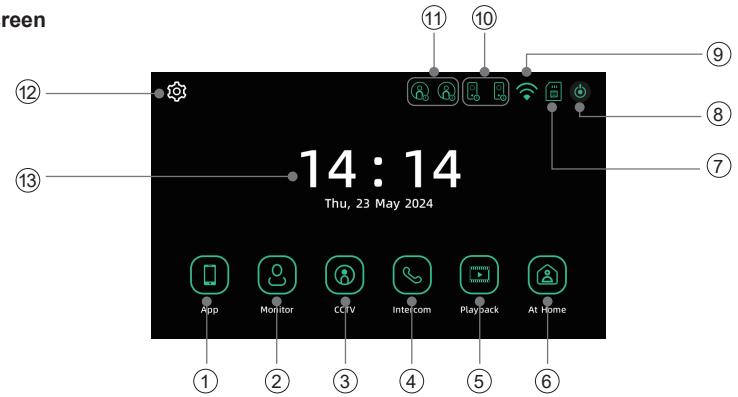
4) Receive Calls on Smart Phone

- When a visitor presses the outdoor camera, a call will be sent to your smart phone.
- Click to answer the call. Then it will change into hang up.
- Click to choose to change your voice.
- When the call is established, the door camera image will be shown on phone.
- Lock: Swipe up to choose to unlock the door.





Main Screen

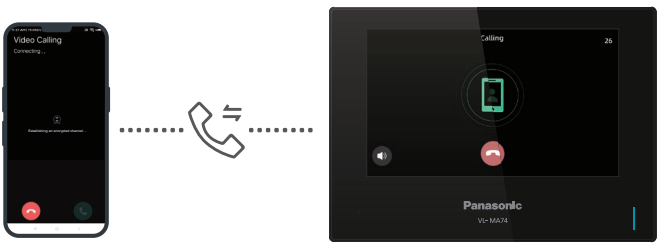


NO.	Menu	Details
1	APP	Click to start intercom between monitor and mobile APP.
2	Monitor	View the door camera (You cannot use it if door camera is not connected)
3	CCTV	Monitoring CCTV. (You cannot use it if CCTV is not connected)
4	Intercom	For Monitor-to-Monitor Intercom (This function needs at least 2 monitors)
5	Playback	To access recorded images and videos
6	Mode	Three modes for selection: At home/Leave home/Sleep mode At home: Ringing and talk volume available, notification push to mobile. Leave home: Enable message at the outdoor, visitor can leave a message, notification push also to mobile app. Sleep mode: The monitor is mute, notification push to mobile app.
7	Micro SD card status	Indication of Micro SD card inserted or not.
8	Screen off	Turn off the screen.
9	Wi-Fi status	Indication of Wi-Fi signal strength. When the monitor is paired on phone, it will turn into “ ”.
10	Door camera status	Door camera connected will be shown here.
11	CCTV status	CCTV IP Camera connected will be shown here
12	Setting	Move to setting menu.
13	Date & Time	Set time and date in the setting menu.

5. Main Functions

APP

The device supports intercom between monitor and smartphone APP. To use this function, please make sure your monitor is connected to network and pair on Panasonic SmartWiFi APP.
Please refer to Wi-Fi setting (page no. 8) to finish network setting and APP instruction to pair on APP.

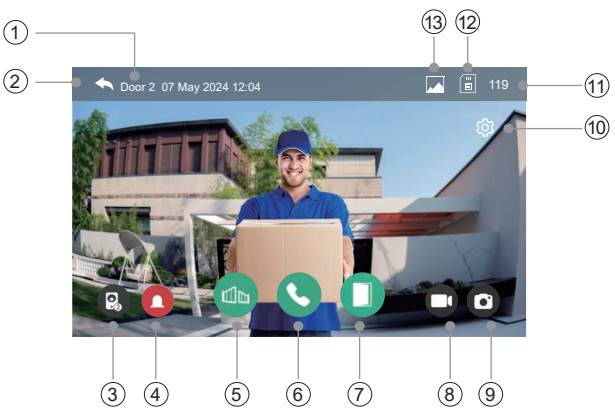


(Talking between smartphone APP and monitor)

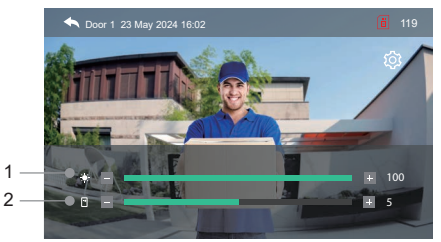
Note : Call can be initiated from Monitor only

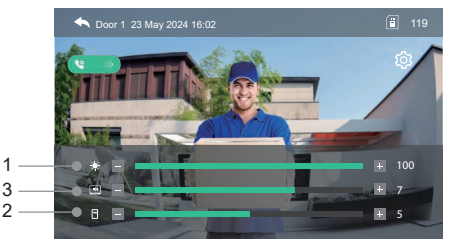
Monitor

Click the icon “monitor” to monitor your outdoor units. If no outdoor unit is connected, this function is not accessible, and there will be a notice showing “No device on line”.



① Selected camera: Selected camera will be shown on the screen.
② Back: Back to previous screen.
③ Switch DOOR2 if you connect two door stations.
④ Siren: Activate the siren alarm on outdoor camera (The siren can only be activated during monitoring)
⑤ Gate lock release: Click to release the gate lock, which is connected on door station.
⑥ Call answer: Answer the call. After answering the call, this button will be changed to hang up button.
⑦ Door lock release: Click to open the door lock, which is connected on monitor.
⑧ Video storage: Save a video.
When you touch the icon, you can save a video.
(When you turn on the auto-recording mode, a video is automatically recorded)
Max.120 seconds per video (Separate video for call and talk)
During recording, the icon will turn into , and the remaining time will be show on the right upper.
Touch the icon to stop recording.
⑨ Image storage: Save an image.
When saving an image, the icon will turn into shortly.
⑩ Setting: click to set talking volume





When calling, you can set brightness of monitor and volume of door station.
When talking, you can set brightness and volume of monitor and volume of door station.
1: Brightness of monitor
2: Volume of door station
3: Volume of monitor

⑪ Time for call talk: The remaining time for call and two-way talk is shown here.
⑫ Icon for Micro SD card status

Micro SD card inserted.

Micro SD card not inserted.

⑬ Recording format: The monitor will record a photo/video automatically if auto recording is enabled.

The monitor will record a photo automatically.

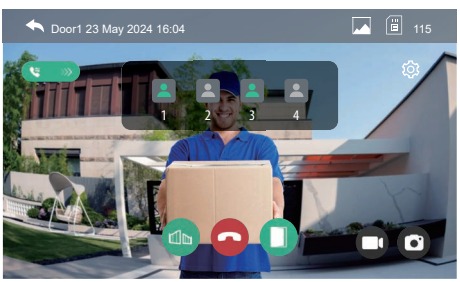
The monitor will record a video automatically.

If auto recording is disabled, this place will be blank.

Call Transfer

When multiple monitors are connected, call from the door station can be transferred to another monitor.

Note: Call can be transferred to extension monitor displayed in green color icon " " using the transfer icon and respective green color extension icon" ". Grey icon " " means extension monitor is not available.

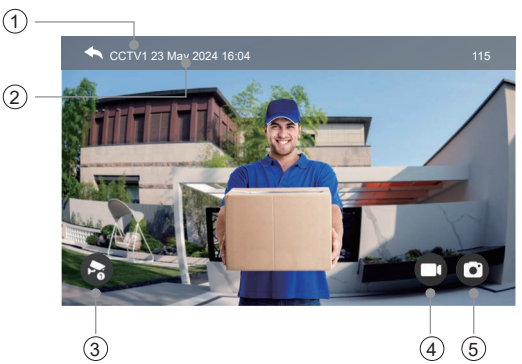


Note:
If you are using only one door station in monitoring mode, you can't switch to other channels.
If you use two monitors, you can also simultaneously start monitoring mode in extension monitor, the same images will be displayed on the screen of the different monitor. If a conversation with door station is in monitoring mode, during this time if a visitor presses the call button on either of door stations, the monitoring mode will be switched off, just the visitor's image will appear on the screen and continuous ringing will be heard. And you can press the talking button to active the conversation with the visitor.
In monitoring, you can touch the " " / " " to record video/image manually.

CCTV

When you touch the CCTV icon, live camera image will be shown. The max. monitoring time is 120s, and you can record a video during this time.

(Note: The CCTV function is not accessible if cameras are not installed.)

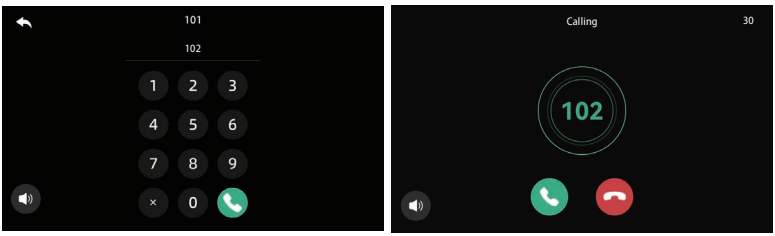


① CCTV1: Current CCTV Camera.
② Date & Time: Current date and time will be shown.
③ CCTV switch: Switch for CCTV1 and CCTV 2.
You cannot use this function when only one camera is installed.
④ Video storage: Save a video.
Touch the icon to start saving a video.
The icon will be shown during video storage. The remaining time will be shown on the right upper.
Touch the icon again to stop recording.
⑤ Image storage: Save an image.
Touch the icon to save an image.

5. Main Functions

Intercom

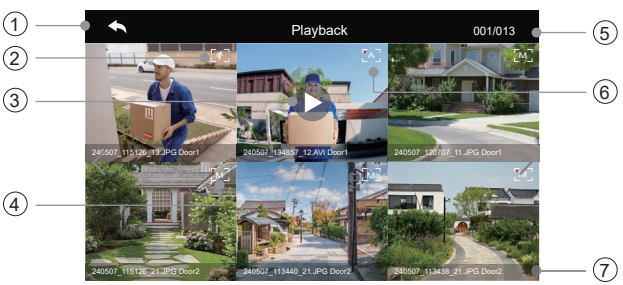
For more than 2 monitors connected, you can use this function to call and talk between monitors.



Note: Before using this function, please set the extension ID of extra monitors in setting page.
Max. 4 monitors can be set.
By enter correct monitor ID number, you can call the extension monitors. The format is "101", the first “1" stands for floor. the last "01" stands for room number. The room number can be “101" to “104".

Playback

When you touch Media icon, the below screen will be shown. Then you can select and play the image/video saved.



① Back: Return to main page.
② Motion detection icon: This picture is captured by motion detection.
③ Video: Click to play the video recorded.
④ The picture/video is captured manually.
⑤ Page: Current page of recorded files.
⑥ The picture/video is captured automatically.
⑦ The picture/video is captured by which door or camera.

Regarding The Recording:

●Video cannot be stored when Micro SD card is not inserted.
●The images can be stored in the monitor's embedded memory. (Max.100 images).
●You can operate as below when you need back-up of images which are stored in the monitor's embedded memory.
1)You can check the file via your computer. (The file is named as "media" in Micro SD card)
2)You can check the date, storage time and information. (camera used and format)
●File name: YYMMDD_HHMMSS_AB.AVI (video) or .JPG (image)
Note: The meaning of the last two digits (denoted by AB)
●A:1-DOOR1/2-DOOR2/3-CCTV1/4-CCTV2
●B:1-MANUAL (manual recording)/2-AUTO/3-MOTION/4-ALARM
●E.g.: The meaning of the file '220109_045740_12.AVI'
Video automatically recorded by visitor's call from door1 on January 9, 2022, at 04:57:40.
●The video can be stored when Micro SD card is inserted. The maximum image/video quantity depends on the capacity (storage size) of Micro SD card.

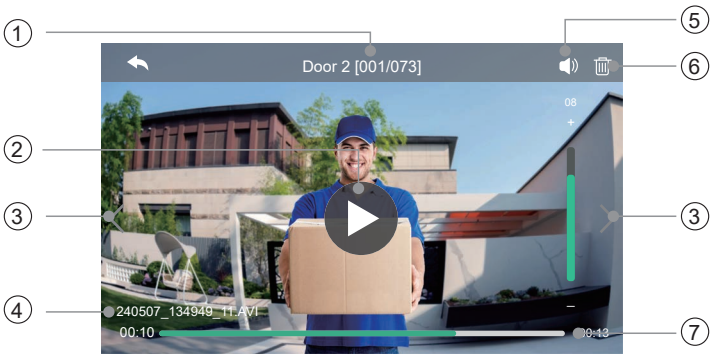
Recorded Image

① Door station that has recorded the images.
② Left/Right: Move to previous/next file.
③ Date & Time: When the image is saved.
④ Delete: Delete current image.

Noted: The recorded image(s) is saved inside the folder of Micro SD card named "Media".

5. Main Functions

Recorded Video



① Door station that has recorded the video
② Play: Play the current video.
During playing, the play icon will change into pause button.
③ Left/Right: Move to previous/next file.
④ Date & Time: When the video is saved
⑤ Volume: Adjust volume when playing recorded videos.
⑥ Delete: Delete current file
⑦ Video time: The remaining time of the video.

Noted: The recorded video(s) is saved inside the folder of Micro SD card named "Media".

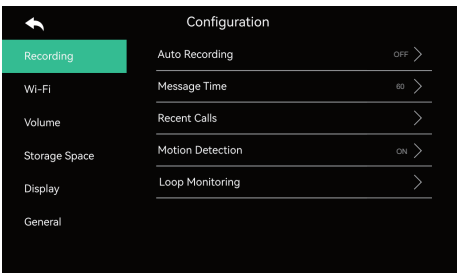
Note: After inserting Micro SD card, the device needs time to load the rest space in Micro SD card.
(The loading time depends on the number of stored files)

Mode Selection

Click the icon " " to switch mode: At Home → Leave Home → Sleep Mode.
At Home Mode: When a call comes from the outdoor, there will be ringtone on monitor, and message function is not available.
Leave Home Mode: When a call comes from the outdoor, the device will play a message mentioning "the owner is not at home, please leave a message with your name and contact number". There will be also voice notification "the message time is over" when message time ends.
Sleep Mode: When a call comes from the outdoor, there will be no ringtone on monitor, and message function is not available.

When you touch “ ” icon, the below screen will be shown.
- When you select each item, the corresponding sub item is displayed.
- If you do not take any actions for 60s, the screen will be off.

1. Recording



1.1 Auto Recording

When a call comes from the outdoor and someone answers the call, the device will automatically record image/video (Select between Photo/Video) If Micro SD card is not inserted, only image can be saved. This function is only available when a call comes from a door camera (entrance). Select OFF to disable the auto save function.

1.2 Message Time

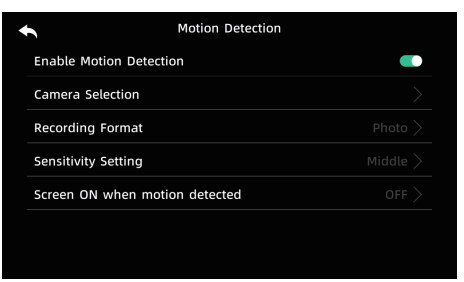
When the device is set as “Leave Home” (refer page no.18), there will be voice message“the owner is not at home, please leave a message with your name and contact number”. After the message, the visitor can leave the message.
The device will play “the message time is over” at the end of set massage time duration. Click to set message time (leave home mode) for 30s/60s/90s/120s.

1.3 Recent Calls

Click to check the recent calls records.

1.4 Motion Detection

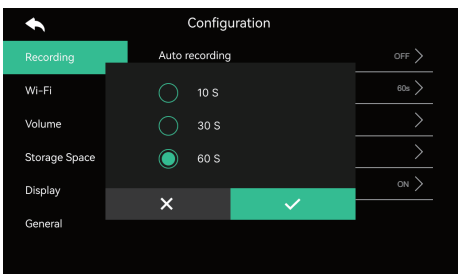
The door camera will detect motion and record image/video.
Motion detection details as follows.



① Enable motion detection: Enable/disable motion detection function.
② Camera selection: Select camera for motion detection (select from Door1/2).
③ Recording format: Select file recorded as photo/video.
④ Sensitivity setting: Sensitivity for motion detection can be set as high/middle/low.
⑤ Screen ON when motion detected: When camera detects motions, the monitor will show the image of the outdoor for 60s.

1.5 Loop Monitoring

The device can loop monitor all the outdoor units and CCTV cameras if connected, and during this time, image/video will be saved according to the time you select. When current time for monitoring outdoor unit/camera is over, it will automatically switch to next one.
When a loop monitoring is over, it will start a new one.
The sequence is Door1→Door2→Camera1→Camera2→Door1….and so on.
The device will skip the outdoor unit or camera if not connected.



Select 10s/30s/60s to monitor each outdoor unit and CCTV camera.
Note: To save videos, Micro SD card is needed, otherwise it will only record images. The device will only save 1 image for each outdoor unit and camera each time.

●When loop monitoring function is ON, motion detection will not work.
●In night or dark place, the LED of door camera is always ON while this function is working.
Note: This product is only an intercom system, and it cannot totally replace CCTV. Please do not turn on this function if not necessary.

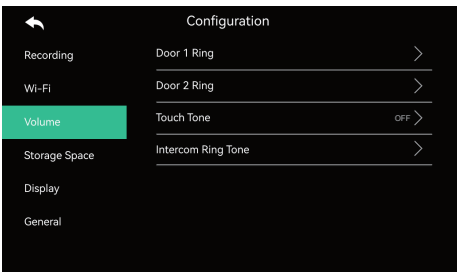
2. Wi-Fi

● Wi-Fi setting:
Click the check box to turn the Wi-Fi ON or OFF (enable or disable)
You can search surrounding network and connect to selected wireless network. Select the Wi-Fi from the network list and enter the password to connect it.

● Add Wi-Fi manually:
When the Wi-Fi you want to connect is not discovered, you can add it by entering the Wi-Fi information manually to the list. Select “Add Wi-Fi Network" icon “+"at the top of Wi-Fi list. Enter name and password of the network to connect.

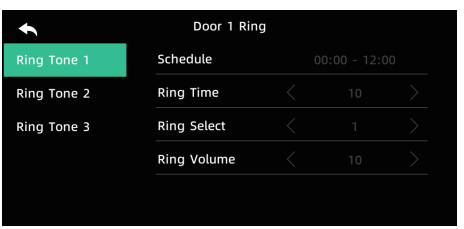
3. Volume

You can configure the ring schedule, Ring Time, Ring Select, Ring Volume etc. here.



3.1 Door1/Door2 ring

Schedule: You can set different ringtone for 3 schedules.
Ring time: Ring time can be set from 5s-30s.
Ring select: Select ringtones.
Ring volume: Adjust ringtone volume.

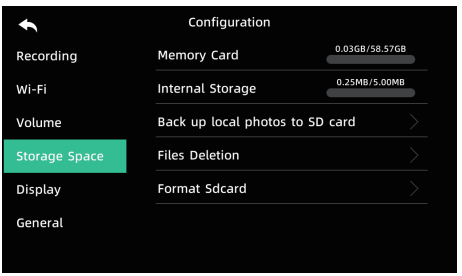


3.2 Touch Sound Tone
Turn ON / OFF the touch sound.

3.3 Intercom Ring Tone
- You can select ring tone of intercom.
- Only inbuilt ringtones can be used for intercom.

4. Storage

When you click on the Storage icon, the below screen will be shown. Here you can view the usage and capacity of Micro SD card, and you can format the Mircro SD card, delete files, or synchronize images stored in the built-in memory to the Micro SD card.

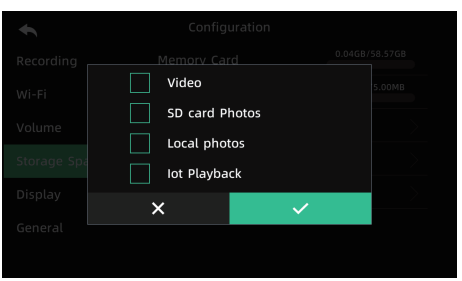


4.1 Micro SD Card
- The used and total capacity of Micro SD card is shown here.

4.2 Internal Storage
-The used and total capacity of internal memory is shown here.

4.3 Back up Local Photos to Micro SD Card
- You can back up photos saved in inbuilt memory to Micro SD card.

4.4 Files Deletion
-Delete the items selected: Video, SD card Photos, Local photos and iot Playback.



Video: To delete call, motion detection recorded videos for monitor playback saved in SD card Panasonic1.
SD card Photos: To delete photos saved in SD card.
Local Photos: To delete photos saved in monitor.
Iot Playback: To delete call, motion detection recorded videos saved for phone APP playback in SD card Panasonic2.

4.5 Format Micro SD card

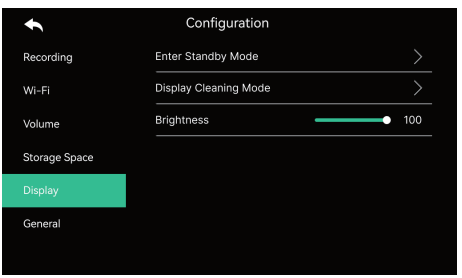
- Format the Micro SD card.
- It takes about 1 minute to format the Micro SD card of 32GB. (Formatting time depends on the capacity of Micro SD card).

Cautions

If a call comes during formating the Micro SD card or deleting files, this process will be cancled. The user should go to setting page and restart formating or deleting.
When formatting Micro SD card, deleting or copying files, the monitor is in a busy state and does not handle call, intercom, or IoT monitoring.

5. Display

When you click on the Display icon, the below screen will be shown. Then you can view the screen settings, or you can set the screen and standby/screensaver settings.

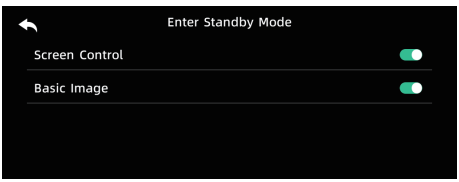


5.1 Standby Setting

When Screen Control is disabled, the screen of monitor will be off after no operation for 60s.

6. Settings

When Screen Control is enabled, you can select “List of Display” ON/OFF to play/don't play the image(s) inside the folder (name “picture”) of Micro SD card.
Note: If the user inserted a Micro SD card and there are customized photos in the picture folder, the monitor will play customized photos and local photos. If the user didn’t insert a Micro SD card, the monitor will only play local photos.
The screen of monitor will show only date and time after no operation for 30s. The format of image should be .JPG, and the resolution of image should be 1024*600.



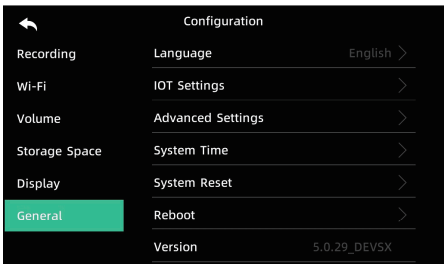
5.2 Display Panel Cleaning Mode
- When you click “Cleaning mode”, the screen is not operational for 30 seconds.
(You can clean the monitor during this time to avoid mis-operation)

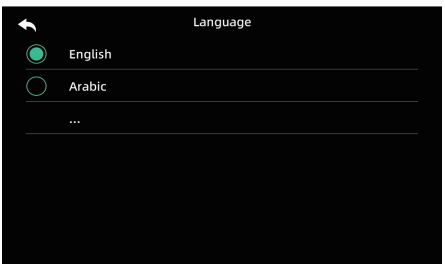
5.3 Brightness
- Set the brightness of the screen from 0 to 100.

6. General

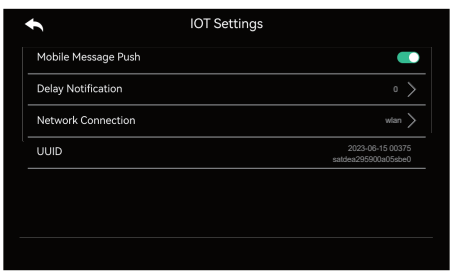
6.1 Language

Language can be switched between English and Arabic.





6.2 IOT Settings



Mobile Message Push: Enable/disable this function to send call/motion detection notification to your mobile phone or not.

Delay Notification: You can choose mobile phone notification delay time from 0-25s.

Network Connection: The default setting is WLAN. If the Wi-Fi signal is not good, you can switch to cable to use wired network.

WLAN: The monitor can connect 2.4G Wi-Fi to finish network connection.

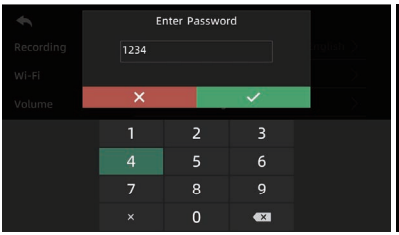
Cable: the monitor can connect wired network by connecting to a router.
Note: To use wired network, please go to advanced setting → Device information and enable DHCP IP allocation.

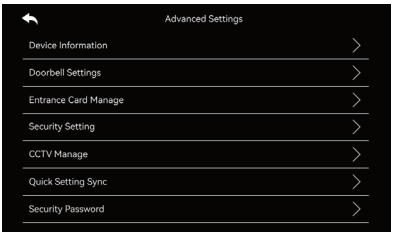
UUID: Device ID number is shown here.

6. Settings

6.3 Advanced Setting

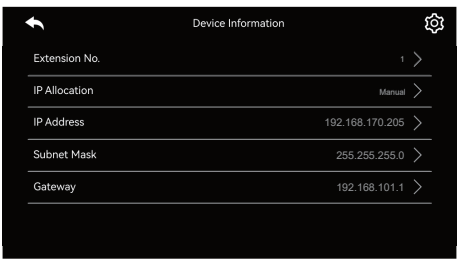
To enter this page, security password is needed. The default password is 1234.





6.3.1 Device Information

Device number / extension No. and IP information will be shown here. Click " " to set the items below; after setting, click " " to save your settings.



Extension No.: Set the ID number of current monitor, 1-4 ID can be set(default extension 1).
Note: If more than 2 monitors are connected, please set extension number for each monitor before using. Otherwise the device will show "Device number conflict" and some functions may not work.
IP Allocation: The device will detect network when starting, if the network is detected, the device will work on default IP address.
Manual: Set IP address for monitor manually.
DHCP: The monitor will be assigned IP address automatically from the router.
Default: Set default IP address for monitor.
IP Address: Current IP address of the monitor.
Subnet Mask: Current subnet mask of the monitor.
Gateway: Current gateway of the monitor.

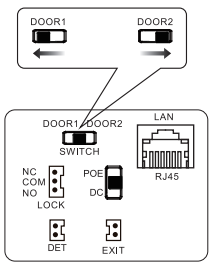
Caution: Please ask professionals to set IP address manually, if wrong IP address is set, the device may fail to work.

6.3.2 Doorbell Settings

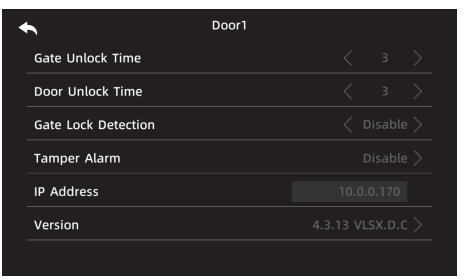
This door station can work with indoor station properly without any configuration when it is correctly powered ON, please follow page no.6&7 of the installation guide to finish wiring and power.

Door station ID

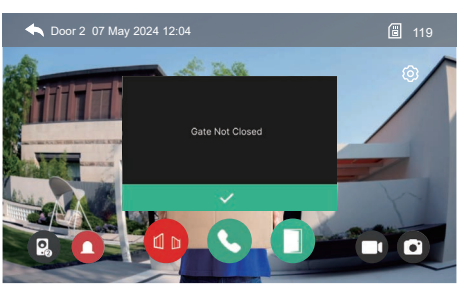
The system can connect max 2 door stations. If you want to connect 2 door stations, please switch the door station ID into different one to avoid conflict as the below left image.



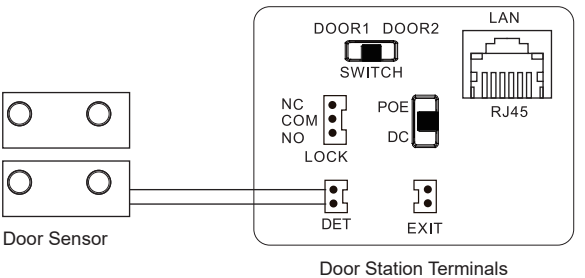
(Door 1 & Door 2 setting)

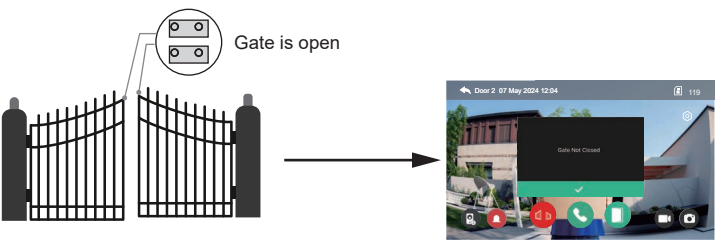


Gate unlock time: Set lock release time connected on outdoor station from 1s to 60s.
Door unlock time: Set lock release time connected on indoor station from 1s to 10s.
Gate lock detection: This function is to detect whether the gate lock is closed or not. After several seconds (depending on your setting) you release gate lock, if the lock is closed, the gate lock icon will return from open to closed; if the lock is still open, the gate lock icon will turn red and a notice “Gate not closed” will be shown.

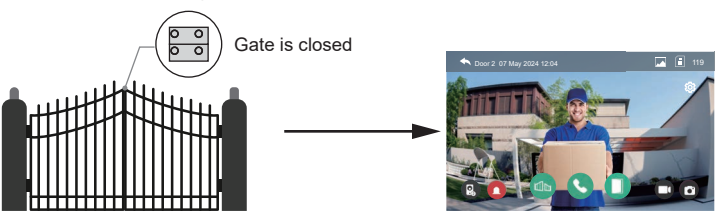


How to connect and use door sensor to outdoor unit





If the lock is still open, the gate lock icon will turn red and a notice “Gate not closed” will be shown.



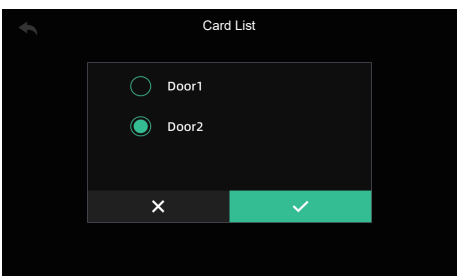
If the lock is closed, the gate lock icon will return from open to closed.

Tamper alarm: Enable/disable tamper alarm on outdoor station.
IP Address: The IP address setting is generally the same with indoor station.

IP Allocation: The device will detect network when starting, if the network is detected, the device will work on default IP address.
Manual: Set IP address for door station manually.
DHCP: The door station will be assigned IP address automatically from the router.
Default: Set default IP address for door station.
IP Address: Current IP address of the monitor.
Subnet Mask: Current subnet mask of the monitor.
Gateway: Current gateway of the monitor.
Version: current version of door station.

6.3.3 Entrance card Management(optional)

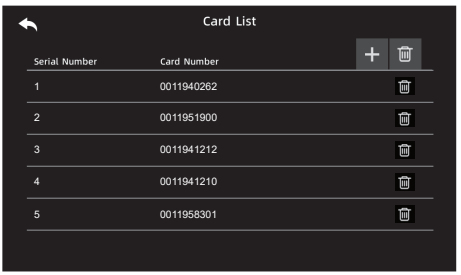
This function is for the outdoor unit which supports RFID card unlocking.
Select the outdoor unit you want to set its ID cards.
Outdoor unit not connected or not bound will show as “offline” and you can’t config it.

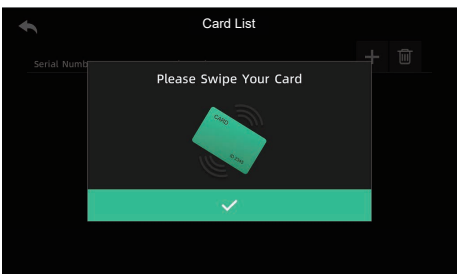


6. Settings

How to add ID cards

Step 1: Click the “ + ” and it will show this page.



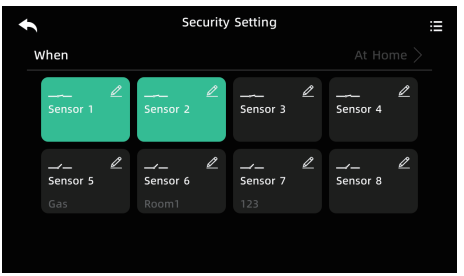


Step 2: Swipe the new ID card on the reader of the outdoor unit for around 1s, and you will hear “di di di” which indicates the card is added successfully. Click “ ✓ ” to finish adding.

You can click the “ 🗑 ” to delete the card you don’t need.

6.3.4 Security Setting

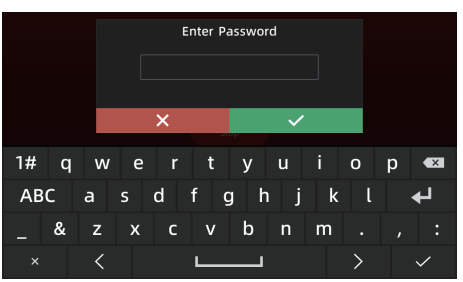
Each monitor can connect max. 8 alarm sensors.
(Note: The alarm sensor should be wired on the monitor correctly. Then you need to check and config the sensor type as NO/NC correctly on the setting menu.)



Alarm trigger

When a sensor triggers the alarm, the following page will be shown, and the monitor will continue to deliver alarm sound.

Press “Stop” and input security password (default 1234) to cancel the alarm.



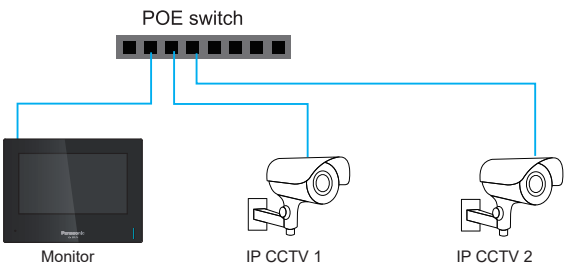
6. Settings

When: The security sensor will be functional under At home/Leave home/Sleep mode.
Click each sensor and you can edit its status (ON/OFF), name, working mode (NC/NO) and alarm delay when sensor is triggered(0-90s).
Click the “ ” on the upper right to check and delete sensor records.

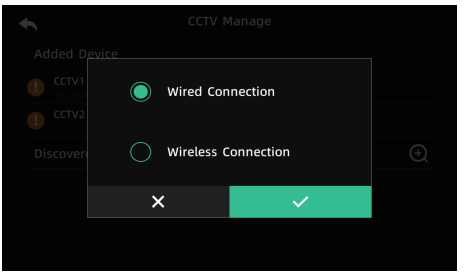
6.3.5 CCTV Management

2 IP cameras can be added in the monitor. Please follow the steps below to register IP camera on the monitor.
Note: The IP camera must support ONVIF/RTSP protocol, or it can be found on monitor automatically. The resolution of wired IP camera must be or under 2MP, and the video coding must be H.264.

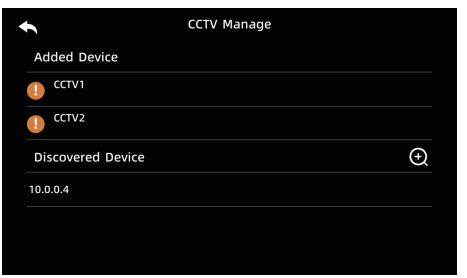
Wired Connection



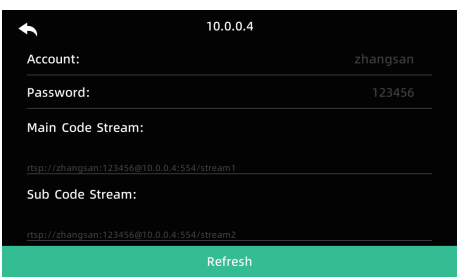
Step1: In CCTV manage page, click the “ + ” icon and select “Wired connection”.



Step 2: Select available cameras in Discovered Device.

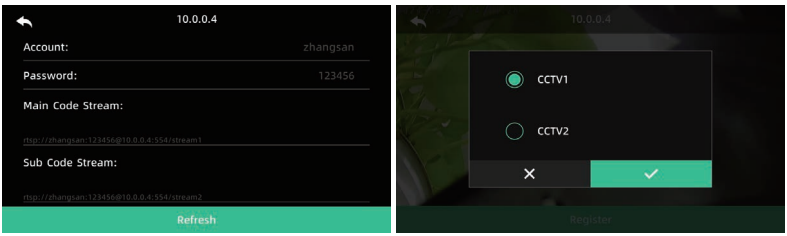


Step 3: Enter the IP camera's account (admin) password and then click Refresh.



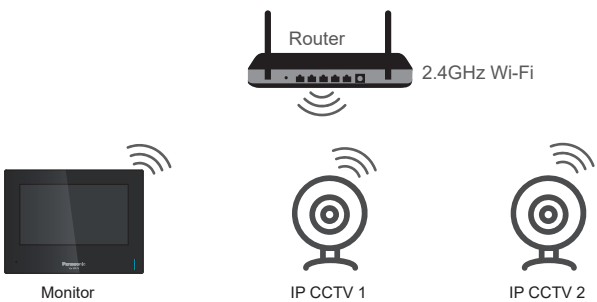
Note : Mentioned information details is just for customer reference only.

Step 4: Select a code stream and click Register, then choose CCTV 1 or CCTV 2 to finish setup.

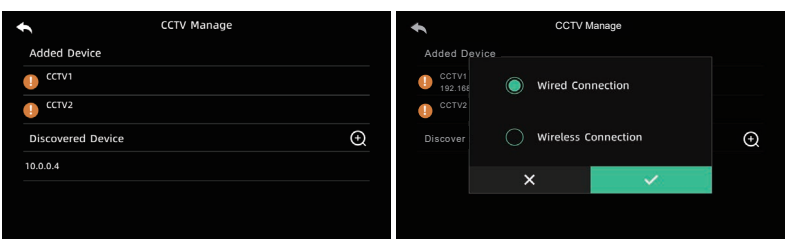


Wireless Connection

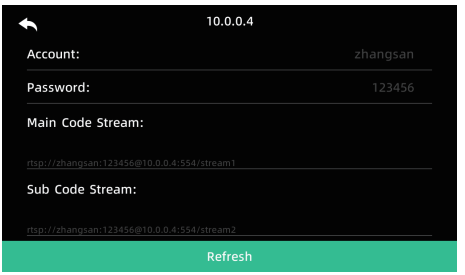
To connect wireless camera, both the camera and monitor should connect to the same Wi-Fi(2.4GHz).



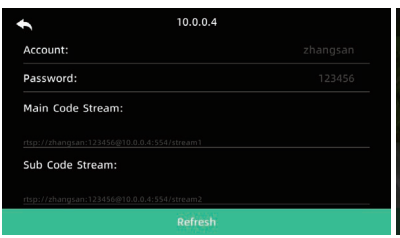
Step 1: The monitor connects to Wi-Fi.
Step 2: Configure IP Camera to work on Wi-Fi.
Step 3: Click CCTV manage, and then click "⊕" and choose Wireless connection, the monitor will automatically search camera IP address. When found, the
camera's IP address will show in discovered devices. Click the camera IP address which you want to connect and choose wireless connection.

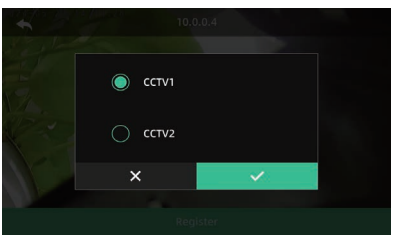


Step 4: Enter the IP camera's password and click Refresh.

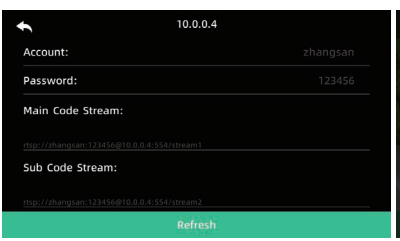


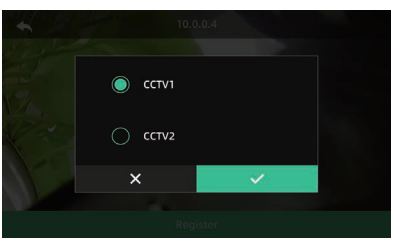
Step 5: Select a code stream and click Register, then choose CCTV 1 or CCTV 2 to finish setup.





Note : It will display the Camera settings are OK. Click Register and select CCTV1 or CCTV2 to finish set up.





6. Settings

Caution:

Before connecting the third party camera, please do preparation as below:

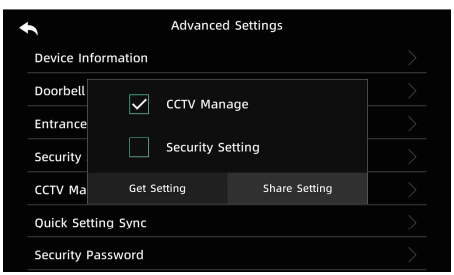
- Please wire the IP camera to the router and connect the PC to the same router. (Please make sure the camera and PC are under the same internet)
- Please download and run official tool on PC to activate the IP camera, for the details, please refer to the IP camera's official user manual. (Note: Please record the camera' IP address and admin password after activated)
- Login the IP camera's configuration page by input IP address and admin password on the browser. On this page, you need to enable the ONVIF/RTSP protocol and select the video stream 1920*1080 @H.264. If the IP camera doesn't support ONVIF/RTSP, it can not be integrated with IP VDP.

6.3.6 Quick Setting Sync

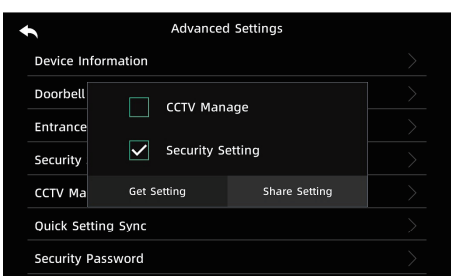
To use this function, you can quickly share and get your settings to and from other monitors without configuring one by one.

Note: Only extension monitors can get the settings from main monitor; both main monitor and extension monitor can share its settings.

CCTV manage: By selecting CCTV manage, you can get or share the CCTV cameras connected to other monitors. As long as these monitors connect the same network, you don't need to config them one by one so as to monitor the cameras directly.



Security Settings: Share or get the security sensor settings from or for other monitors. In this case, you just get the setting details on other monitors, please refer to the actual sensors connected and adjust the settings (NO/NC type and time).

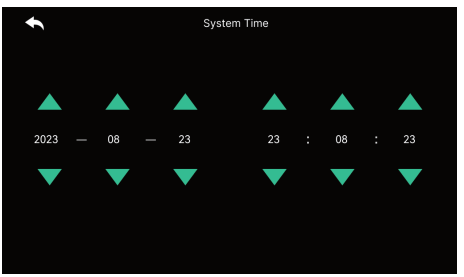


6.3.7 Security Password

This password is for entering advanced settings, enable and disable security and stop alarm. The default password is 1234. If you change the password and forget it, please restore factory setting to recover password to default 1234.

6.4 System Time

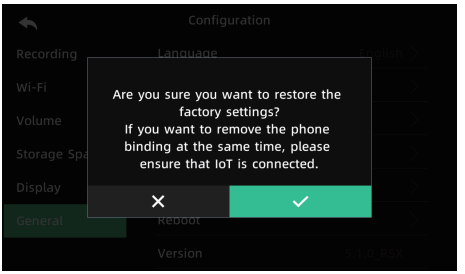
Click to set system date and time manually.



6.5 System Reset

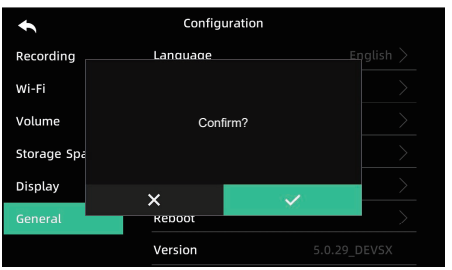
Click and confirm to restore factory setting.

Note: To restore factory setting, it will also unbind the monitor from mobile APP. Please make sure the monitor and your phone is connected with Network.



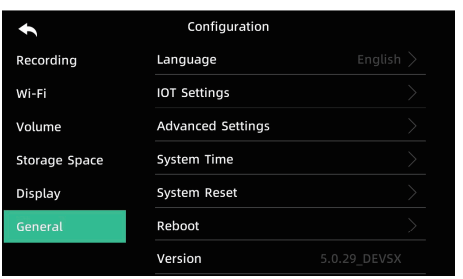
6.6 Reboot

Click to restart device.



6.7 Version

Current version of software.



Main Monitor Station (VL-MA74CX)

Power Source	PoE IEEE 802.3af or DC15V
Power Consumption	Standby: <4W, During operation:<15W
Dimensions (cm)(L x B x H)	Approx. 20x2.7x14.3 (excluding protruding sections)
Operating Environment	-20°C to +40°C
Relative Humidity	10% to 90% (RH)
Display	Approx. 17.8 cm (7.0 inches wide color display)
Talking Method	Hands-free
Installation	Wall mount (mounting bracket method supplied)
Flash Memory	100 images
External Micro SD card	Max. 256GB

Door Station (VL-VA504CX)

Power Source	PoE IEEE 802.3af or powered by monitor
Camera Resolution	2 MP
Streaming Resolution (Video)	1280x720
Dimensions (cm)(L x B x H)	9.5 X 4.1 X 15
Operating Environment	-20°C to +70° C
Relative Humidity	10% to 90%
Viewing Angle	Horizontally: approx.120° Vertically: approx.60° Diagonally: 155°
Installation	Wall mount (mounting bracket method supplied)
Minimum Illuminance Reguired	0.1 LUX (within approx. 50 cm from the camera lens)
Lighting Method	White LED
Waterproof	IP 65

Caution

1. To prevent damage, the adapter should be fastened on the wall according to instruction.
2. Keep the power plug in a convenient location for easy disconnection of the device.
3. When connecting AC power wire, please finish the connection before plugging in the power.

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