

eyevision®

INNOVATIVE INTERCOM SYSTEMS

Eyevision Two Wire 7" TOUCH SCREEN WiFi Monitor



VDP Connec
Mobile APP Access to
WiFi Intercom System



2 WIRE HOME WI-FI SYSTEM

EV2WF

7" IPS FULL VIEW ANGLE TFT MONITOR

eyevision®



- Please read this manual carefully before using the product you purchase,and keep it well for future use.
- Please note that images and sketch maps in this manual may be different from the actual product.

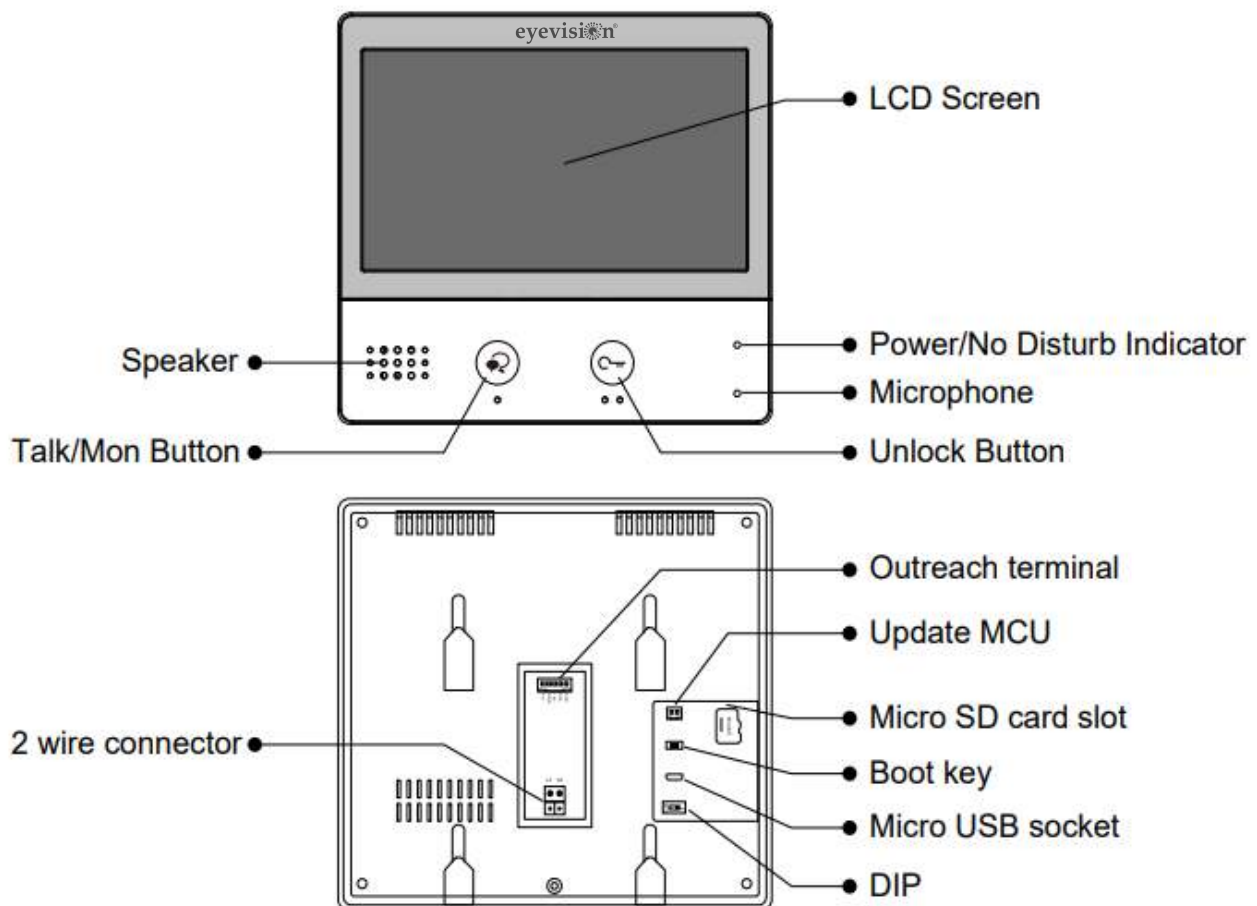
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PRECAUTIONS

- Slots or openings in the back of the monitor, are provided for ventilation and to ensure reliable operation of the video monitor or equipment and to protect it from overheating. These openings must not be blocked or covered. The monitor should never be placed near or over a radiator or heat register and should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.
- All parts should be protected from violence vibration. And not allow be impacting, knocking and dropping.
- avoid using hands or a wet cloth while cleaning the LCD screen.
- Please do the cleaning with a soft cotton cloth and do not use organic or chemical detergent. If necessary, please use pure water or dilute soap water to clean the screen.
- Image distortion may occur if the video door phone is mounted too close to magnetic field e. g. Microwaves, TV, computer etc.
- Please keep away the video door monitor from wet, high temperature, dust, and caustic and oxidation gas in order to avoid any unpredictable damage.
- Do not open the device under any circumstances, call the administrator for help if there is any problem.

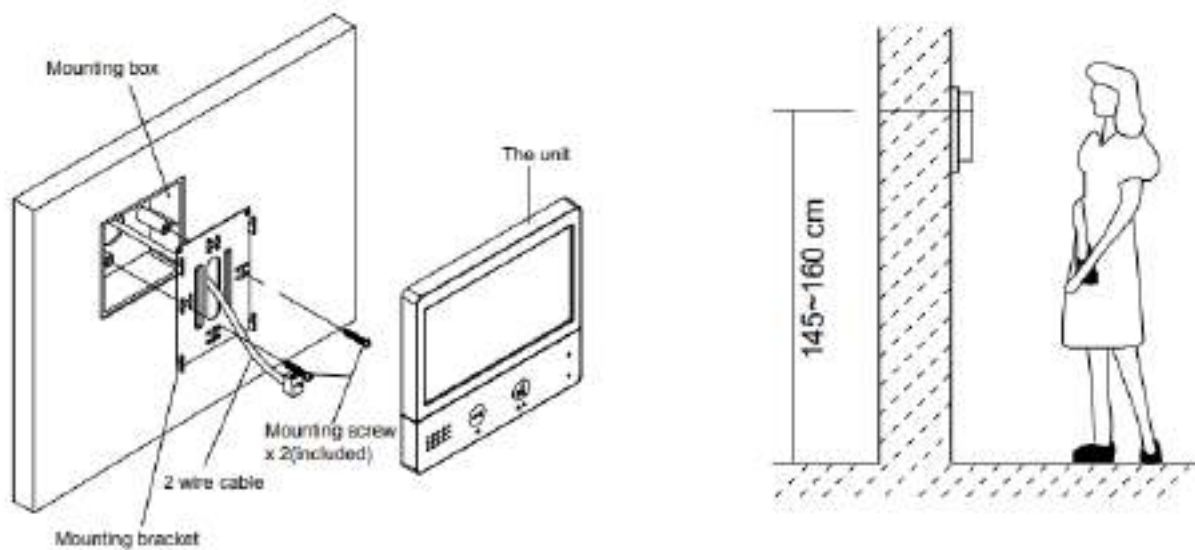
Parts and Functions



Key Functions

Item	Description
LCD screen	See the next page for details. Display the visitors' image.
Power/No Disturb indicator	Show the power status of the system. Show the no disturb status.
Microphone	Transmit audio from one station to other stations.
Unlock button	Press to release the door.
Speaker	Send out sounds of ring tones, audios and alarms.
Talk/Mon button	Press to communicate hands free with visitor. Press to view the outdoor condition in standby mode.
Outreach terminal	SW+, SW-: Extra door bell call button connection port. 12V, GND: Extra buzzer connection.
Update MCU	For updating MCU program.
Micro SD card slot	Use to insert micro-SD card
Boot key	Before updating firmware by micro-usb cable, need to press this button.
Micro USB socket	For data transfer.
DIP	Use to set video match.
2 wire connector	Bus line terminal.

Mounting

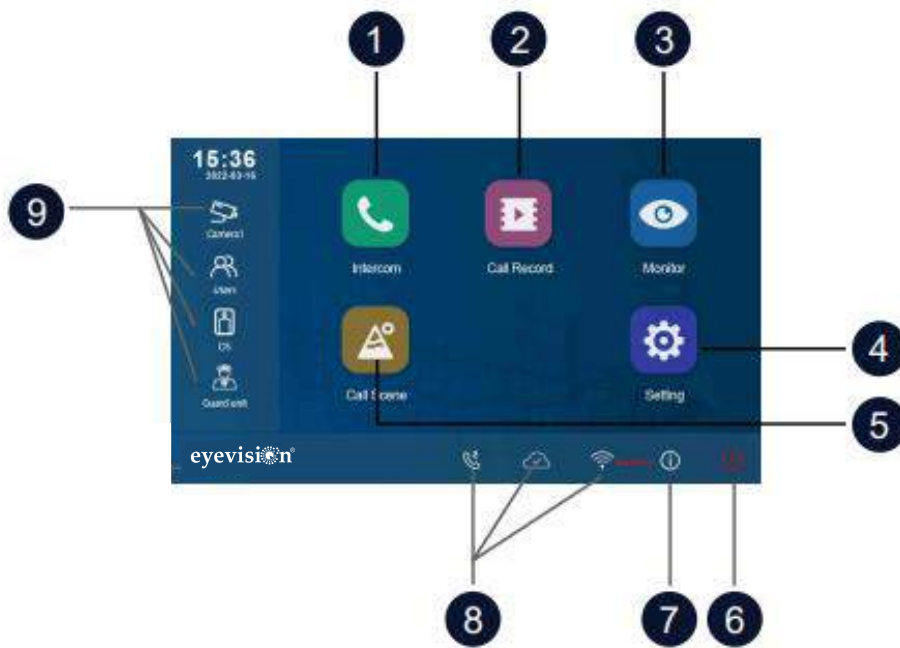


The installation height is suggested to 145~160cm.

1. Use screws to fasten the mounting bracket to the wall with mounting box.
2. Connect the 2 wire cables to the unit.
3. Mount the unit to the mounting bracket, make sure the unit is absolutely attached to the mounting bracket.

Main Menu

The main menu is your starting point for using all of the applications on your monitor. Touch anywhere on the monitor's screen while in standby mode, the main menu will then appear.



1. Intercom icon:

Allows you to call other indoor station.

2. Call Record icon:

Allows you to view the call record.

3. Monitor icon:

Allows you to monitor the door stations, cameras.

4. Setting icon:

Use to change the indoor station settings.

5. Call Scene icon:

Allows you to activate the functions of No disturb, divert.

6. Close icon:

Touch to turn of the screen.

7. About icon:

Allows you to view the information about the device.









8. Status bar:

Displays icons that indicate the indoor station's status (see Status Bar Icons).




9. Shortcut windows:

Touch to enter the corresponding items directly.

Status Bar Icons


Icon	Description	
	Missed call	Display when there is missed call unread. Touch to review the missed call in shortcut.
	No disturb	Indicates the device is in "No disturb" mode.
	Divert call	Indicates the device is in "Divert call" mode.
	Device online	Indicates device online, but not connect to internet.
	Cloud server worked	Indicates the device is connected to the cloud server.
	No cloud server	Indicates the device is not connected to the cloud server.
	Cloud server anomaly	Indicates the device cloud server connection is abnormal.
	mute	Indicates the device is in "Mute" mode.

Other status icons:

Icon	Description	
	Recording	Indicates the device is recording
	Talking	Indicates the device is in "talking" status.
	Unlock	Indicates open the corresponding door.

Answering a Call

When you receive a call, the indoor station rings. Image will be displayed on the screen.

1. Touch  icon or press  **TALK/MON** button.

- Speak within about 50 cm of the microphone.
- Begin communicating hands free with the visitor for 90 seconds.

2. When finished, Touch  icon or press  **TALK/MON** button again.

Available functions while talking on a call

- Door release
- Manual recording

Notes:

1.Receiving a call while talking with a door station


- Other door stations calling is forbidden
- Conclude current talking to answer the new call-in

2.Receiving a call while talking with other monitors

- The talking will stop immediately, call tone sounds in normal.
- The video image from the door station is displayed on the screen, talking,unlock,capture images/videos are available.

Monitoring

This section can be used to monitor your home by enabling one of the cameras inside the apartment, the common areas (e.g. garages, garden), and at the entrance.

1. From the main menu, tap **"Monitor"** icon.
2. Select the desired tap.
 - Allows you to select door station camera or IP camera(if the system installs multi door station or IP camera) .
3. Select the desired camera.
4. When finished, tap  button on panel.

* During monitoring, images can be viewed, but audio cannot be heard.


Available functions during monitoring:

- Door release
- Manual recording

Note: Tap monitor quick actions to monitor corresponding camera directly(If the monitor quick actions is set on the shortcut windows).

Favorite Setting

This section can be used to set your favorite.

1. From the main menu, tap **"Monitor"** icon.
 - A list of available setting categories is displayed.
2. Select "Monitor" item.
3. Click the upper left corner of the item you need to select, and then the "  " icon will appear.
4. If you need to cancel, click the upper left corner again.



Making Calls

You can call other residences, common area phones or facility staff office, and even other rooms in your own residence.

Whichever monitor answers the call, you can use many of the features described in feature available while talking on a call.

Namelist call using the namelist

1. From the main menu, tap **"Intercom"** icon.
 - A list of available items is displayed.
2. Select "Namelist".
 - A list of name is displayed if the system allows.
3. Select the desired name.
 - Calling the target directly.

Innercall

If you have monitors installed in different rooms in your residence, you can call those rooms and use the system as an intercom.


1. From the main menu, tap **"Intercom"** icon.
 - A list of available items is displayed.
2. Tap "Innercall" item to call.

Calling from guard station

1. From the main menu, tap **"Intercom"** icon.
 - A list of available items is displayed.
2. Select "Guard station".
 - Calling the target directly.

View Call Record

The monitor records information about calls you have answered, missed, and made, and saves it in the call record. See the following steps to view the call record.

1. From the main menu, tap **"Call record"** icon.
2. Select the desired tap.
 - Missed: Displays calls you received but did not answer.
 - Incoming: Displays calls you answered.
 - Outgoing: Displays calls you made.
 - Playback: Displays pictures/videos you received / made.
3. Browse the call record as needed.
4. When finished, tap ← , return to previous menu.(or tap  return to home page)






Play videos

You can record camera video manually while talking to a visitor or monitoring camera video. See the following steps to play the video.

1. From the main menu, tap **"Call record"** icon.
2. Select the desired tap.
3. Tap the desired call record.
 - Displays the images/videos
4. When finished, tap ← .

Controlling video playback

The following controls are available by tapping the screen while playing an image/video.

-  Plays the video.
-  Plays the next video.
-  Plays the previous video.
-  Delete video.
-  Delete confirm.

Note:

1. If without SD card, video recording time is 3 seconds. Up to 10 videos can be saved, Subsequent records will overwrite the oldest items. If with SD card, video recording time is 10 seconds by default (Max 600 seconds could be set or customized).
2. Support 512G SD card.


No Disturb Mode

During a certain period, if you don't want to be disturbed, you can go to set DND mode.

1. From the main menu, tap **"Call scene"** icon.
2. Select the desired tap.
 - No disturb 8H: Set to no disturb mode 8 hours.
 - No disturb always: Set to no disturb mode always.

Note:

* The no disturb indicator turns from green to red, to indicate that the no disturb function has been activated.

* This function will perform immediately if selected, and the status bar on main menu interface will show "" icon.


Divert Calls

The calling from door station can be diverted to your smart phone. please note that this function should be supported by SIP network.

1. From the main menu, tap **"Call scene"** icon.
2. Select the desired tap.
 - Divert call if no answer: If nobody answers the call in 30s when receives call from door station, diverts the call to the smart phone. At this mode, the monitor will always open the screen and show image from door station during diverted, if the monitor answers the call at this time, diverted will conclude at once.
 - Divert call always: When receives call from door station, diverts the call to smart phone directly. At this mode, the monitor will shut off the screen after diverting successfully, but you can still use it in normal.

Note:

* If divert the call to smart phone via Sip sever, need to choose one.

* This function will perform immediately if selected, and the status bar on main menu interface will show "" icon.

Change the Monitor's Settings

1. From the main menu, tap "**Setting**" icon.
 - A list of available setting categories is displayed.
2. Select the desired tap.
3. Select the desired setting category.
4. Change the settings as desired.
5. Tap ← / 🏠 to save the new setting.

 Call Tune >	Ring volume - Ring timing - Door1/2/3/4 calling ring - Doorbell ring - Intercom ring - Innercall ring - GuardCall ring
 General >	Date and time - Language - Monitor timing - Shortcut setting - SD card - Auto close after unlock - Auto unlock - Name - Key tone - Screen on in divert
 Installer >	Call_Nbr - Parameter - Upgrade - Reboot
 Manager >	Sip config - Wlan Setting - IPC camera - Back and restore

Ring tone setting:

The ring call tone can be set individually to distinguish different calling sources.

Totally 22 tones can be selected.



Ring volume: adjust the ringtone volume from 1~5. A mute ringtone can also be selected.

Ring timing: adjust the ringtone time from 3~90 s

Door1/2/3/4 calling ring: call tone from door entrance panel.

DoorBell ring: call tone from doorbell.

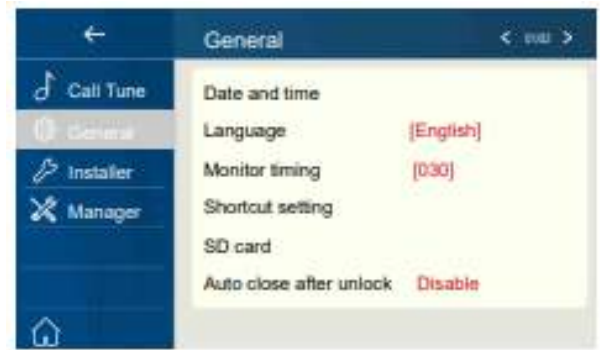
Intercom ring: call tone from an intercom of another apartment.

InnerCall ring: call tone from an intercom in your apartment.

GuardCall ring: call tone from Guard unit.

General setting:

1. Select [**General**] item to enter general setting interface.



Date and time setting:

The current date and time can be modified at any time.



Date mode: 2 display mode: month/date/year and date/month/year

Time mode: 2 display mode: HOUR_12 and HOUR_24.

Date: touch it to set the date .

Time: touch it to set the time.

Internet time: can synchronize the system time.

Changing the display language:

The default language can be customized. But you can change it to your desired language at any time.



If the target language is not found in the window, touch > icon to scroll next interface.

Setting monitor time:

The monitor time is the duration of time without interaction before the device enters standby mode. It can be changed at any time. It's available to set 30s, 60s, 90s, 120s, 150s, 180s, 210s, 240s, 270s, 300s. * 30s is the default monitor time.



Shortcut setting:

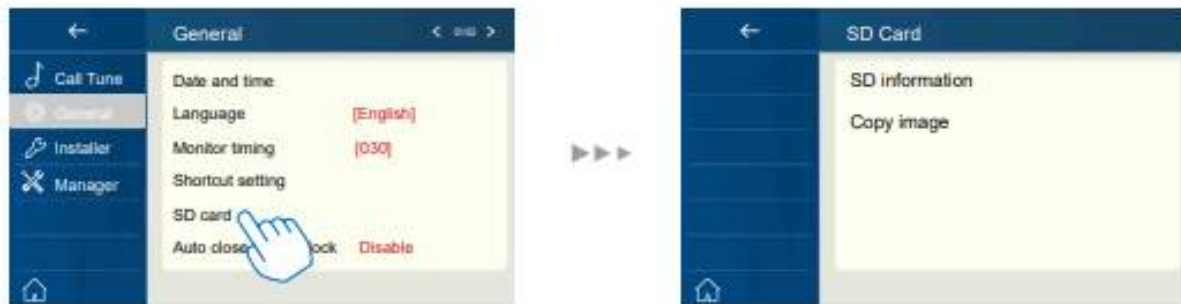
In this section it is possible to select the 4 quick actions that will appear on the left side of the home interface.



1. Touch it to enter the shortcut set interface.
2. Select the shortcut set item you want.
3. Select the type of function for which you want to add a quick action.
4. Remove the quick action from the home interface.

SD Card:

If the device insert has an SD card, the SD card info can be reviewed on the device.



SD Information: SD card capacity.

Copy Image: Touch it to copy the recorded images to SD Card.

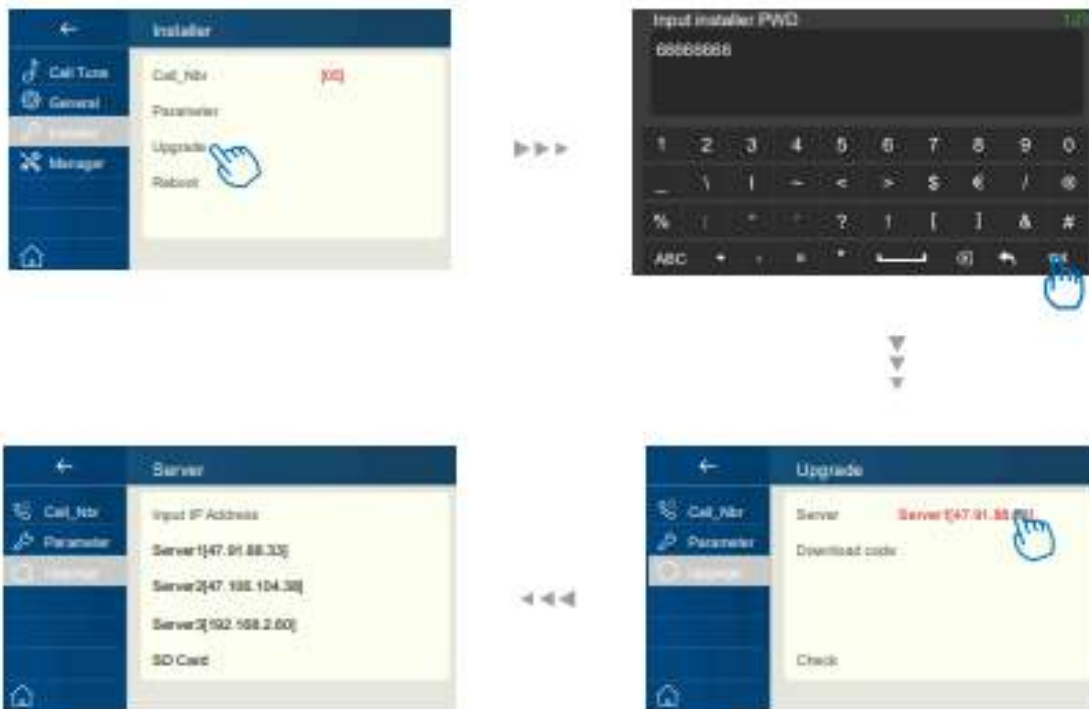
Address Setup

1. From the main menu, tap **"Setting"** icon.
 - A list of available setting categories is displayed.
2. Select "Installer", and then tap "Call_Nbr" item.
3. Input installer password (66666666 by default, or password free when door station into installer mode and enable it)
4. Input the room number.



Upgrade

1. From the main menu, tap "**Setting**" icon.
 - A list of available setting categories is displayed.
2. Select "Installer", and then tap "Upgrade" item.
3. Input installer password (66666666 by default, or password free when door station into installer mode and enable it)



Tap "Server" to select firmware source, update firmware could come from as below, tap on the source:

1. **Cloud Server**
Cloud server requires internet.
Server1[47.91.88.33]
Server2[47.106.104.38]
2. **SD card**
Copy upgrade firmware before upgrade.
SD card

After tap "Download code" and input code, the code could get from v-tec support team when device needed to update. After all, tap "Check" to load upgrade information from source.

Reboot

It's available to Auto reboot, or reboot the device



SIP Config

It's available to divert the call to mobile while out of home via SIP server.



1. Touch it to restore all settings on “SIP config” and create 2 SIP accounts, one for EV2WF Monitor and one for VDP Connect APP. Server will apply to restore two accounts’ password to default, and register it. Only when: If your EV2WF Monitor is not brand new, we suggest you touch “Use default” before testing. VDP Connect APP is not able to register on server.
2. Touch it, EV2WF Monitor will apply to clean all SIP “contact” on server, and also will try to register itself to server, with this function it will help when: VDP Connect APP is not able to get push notification. EV2WF Monitor has connect with WiFi, but “Server” icon with “!” or “x” beside.

Download Setup VDP Connect APP

1. Scan and download VDP Connect APP, or search "VDP Connect" on APP store.

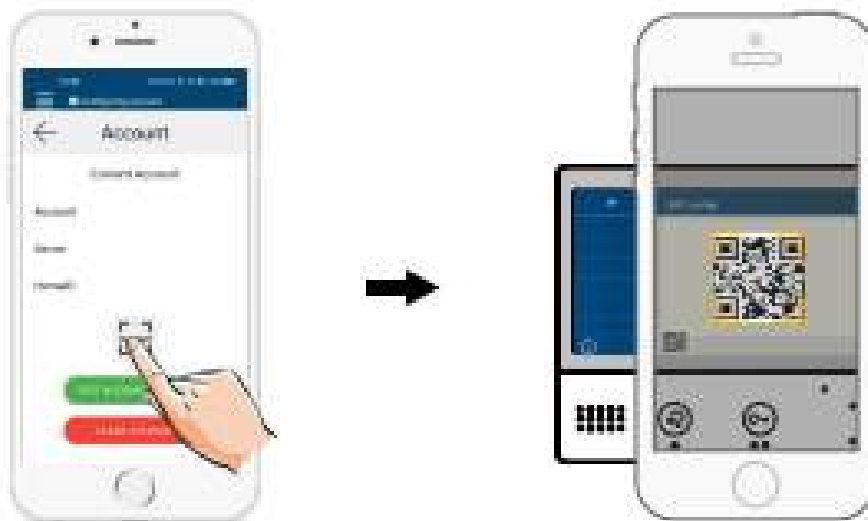
IOS



Android



2. Permit "VDP Connect" with permissions, tap screen of IP monitor → Settings → Manager → SIP config → .



3. After login SIP account on VDP Connect APP, check on status bar, or tap on the "Connected" area to manually register, until VDP Connect display:



Surveillance of door station via VDP Connect APP

On VDP CONNECT APP, press on the icon and wait for a few seconds. If the system have multiple door stations, you can switch to view the door station you want. And push PTT icon to talk, or push unlock icon to open the door.



Restore Factory Settings

This device allows the user to recover the original factory default settings.



Specifications

- Power supply: DC 20~28V
- Power consumption: Standby 1.7W; Working 8.2W
- Monitor screen: 7" IPS full view angle TFT
- Display Resolutions: 1024*600 resolution
- Wire Type: 2 wires, non-polarity
- Wiring Distance: 100m (Approx. 330')
- Operating temperature: -10 to +50 (oC)
- Dimension: 161(H)×174(W)×22(D)mm

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INNOVATIVE INTERCOM SYSTEMS

Eyevision Two Wire Video Intercom Systems



EV-D298KP-FM



EV-D298KP-SM



EV-D301



EV2WF

EV2WF v01.01

 **EASYINSTALL**

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