A1714

2-Wire Video Receiver

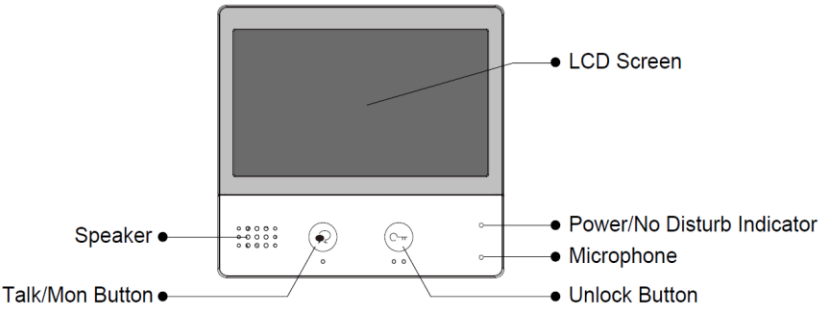
User Manual

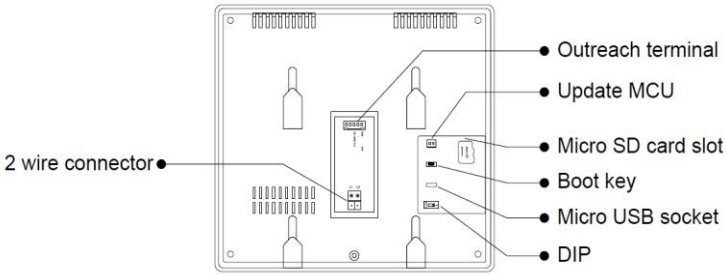
ATIGO

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1. Parts and Functions



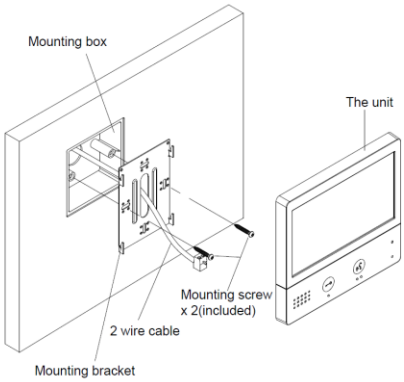


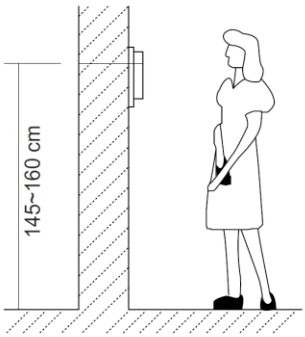
Key functions

Item	Description
LCD screen	See page 5 for details. Display the visitors' image.
Power/DND indicator	Show the power status of the system. Show the DND status.
Microphone	Transmit audio from one station to another.
Unlock button	Press to release the door.
Speaker	Sounds of ring tones, audio and alarm.
Talk/Mon button	Press to communicate hands free with visitor. Press to view the outdoor condition in standby mode.

Outreach terminal	SW+,SW-: Extra doorbell 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.

2. Mounting





The installation height is suggested to be 145~160cm.

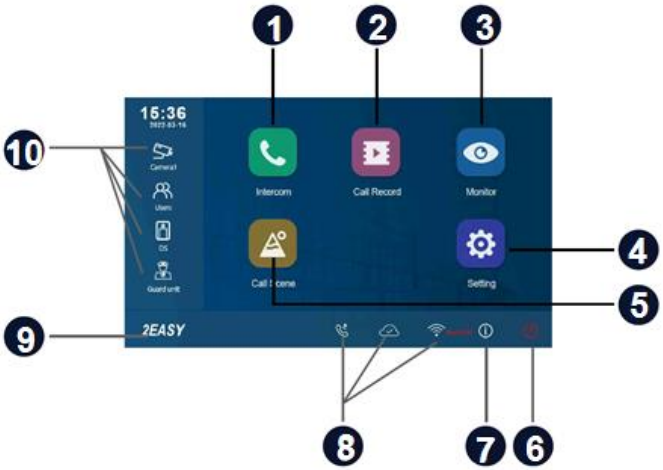
1. Use screws to fasten the mounting bracket to the wall with mounting box.
2. Connect the 2-wire cable to the unit.
3. Mount the unit to the mounting bracket, make sure the unit is securely attached to the mounting bracket.

3. Main Menu

The Main menu is your starting point for using all the functions on your monitor.

Touch **Unlock** button, or touch anywhere of the screen in standby

mode, the Main menu will appear as follows:



1 Intercom Icon

2 Call Record Icon
Allows you to view the call

3 Monitor Icon

4 Setting Icon

5 Call Scene Icon
Allows you to activate the DND function

6 Close Icon

7 About Icon

8 Status Bar
Displays Icons that indicate indoor stations

9 Logo

10 Shortcut Windows

4. Status Bar Icons

Icon	Description	
	Missed Call	Displays when there is unread missed call. Touch to review the missed call in shortcut.
	DND	Indicates when device is in “DND” mode.
	Call Divert	Indicates when device is in “Call Divert” mode.
	Device Online	Indicates that device is Online, but not connected to internet.
	Cloud server Connected	Indicates device is connected to cloud server.
	No Cloud Server	Indicates that the device is not connected to the Cloud Server.
	Cloud Server Anomaly	Indicates Cloud server Connection is abnormal.
	Mute	Indicates 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 corresponding door is open.

5. Answering a Call

When you receive a call, the monitor rings. Image is displayed on the screen.

1. Touch icon or press **TALK/MON** button.
   - Speak within 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.
   Available functions when taking a call:
   - Door Release
   - Manual recording

Note:

1.Receiving a call while talking with a door station

- Other door stations calling is forbidden
- Conclude current call to answer a new call

2.Receiving a call while talking with other monitors

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

6. 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.
   Allows you to select door station camera or IP camera (if the system installs multi door station or IP camera) .
2. Select the desired camera.
3. When finished, tap button on monitor.

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 are set on the shortcut windows).

7. Favourite Setting

This section can be used to set your favourite settings.

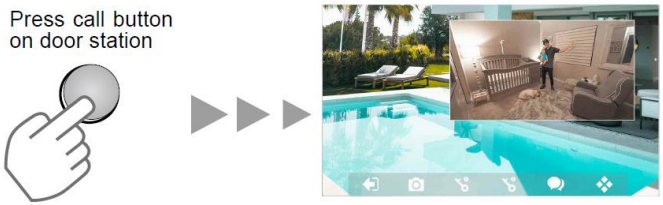
1. From the main menu, tap **"Monitor"** icon.
   A list of available setting categories is displayed.
2. Select "Monitor".
3. Click the upper left corner of the item you need to select, and then the ★ icon will appear.
4. If you need to cancel, click the upper left corner again.



8. PIP View

Precondition: this function requires the system to access the cameras or set the camera proxy settings.

The picture-in-picture display allows the user to see images from two different sources at the same time during the call, which is convenient for the user to see the visitor intuitively and concretely.

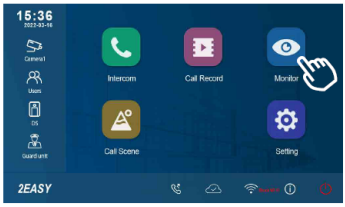


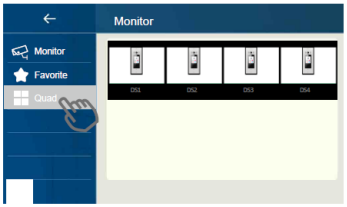
Feature of PIP view:

- In call mode
- Picture in picture to avoid dead corner
- Able to watch both views from door station and IP camera
- Swap the two images by a simple touch

9. Quad View

Precondition: this function requires the system to access the cameras or set the camera proxy settings. The Quad display allows the user to view four images quickly and simultaneously from different video resource, and to quickly switch & zoom in on a screen by one click.





Feature of quad view:

- In monitor mode
- Able to display four images on a screen
- Switch seamlessly between One-view and Quad-view
- Free to zoom in any views

10. Making Calls

You can call other residences, common area phones or facility station, 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 by using the namelist

1. From the main menu, tap **"Intercom"** icon.
   A list of available items is displayed.
2. Select "Namelist".

A list of names is displayed if the system allows.
3. Select the desired name.
   Calling the target directly.

Intercom Call

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 guard station

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

11. 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 function
   - 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 ← to return to the previous menu, (or tap ⌂ to 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 function.
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 no SD card present, 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.

12. Do Not Disturb Mode (DND)

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

1. From the main menu, tap **"Call scene"** icon.
2. Select the desired tap.
   DND 8H: Set to DND mode 8 hours.

DND always: Set to DND mode always.

Note:

The “DND” indicator turns from green to red, to indicate that the DND function has been activated. This function will activate immediately if selected, and the status bar on main menu will show icon.

13. 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 feature
   - **Divert call if no answer:** If nobody answers the call in 30s when call received from door station, diverts the call to the smart phone. In this mode, the monitor will always open the screen and show image from door station during divert. If the monitor answers the call at this time, call divert will conclude at once.
   - **Divert call always:** When receives call from door station, diverts the call to smart phone directly. In this mode, the monitor will shut off the screen after diverting successfully, but you can still use it as normal.

Note:

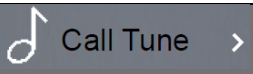
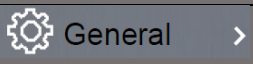
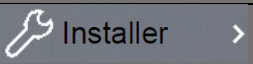
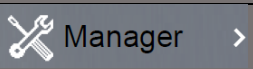
If divert the call to smart phone via Sip sever, need to choose one. This function will perform immediately if selected, and the status bar on main menu interface will show icon.

14. 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.

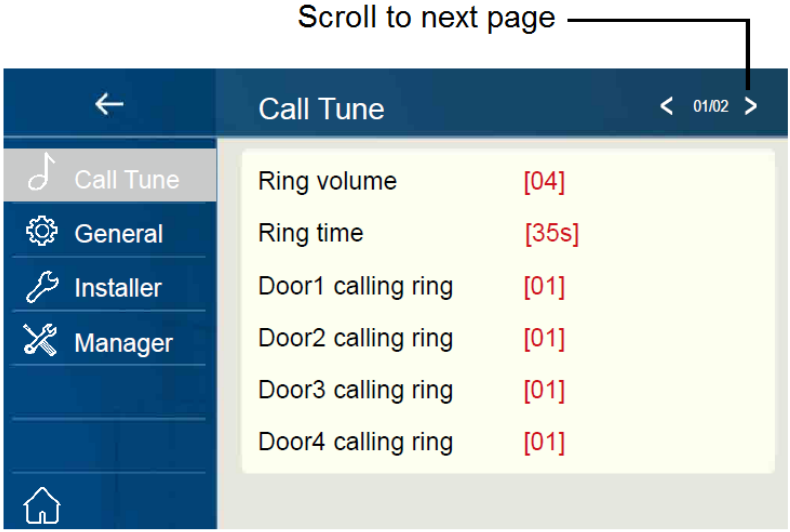
5. Tap ← / ⌂ to save the new setting.

List of settings

	Ring volume - Ring timing - Door1/2/3/4 calling ring - Doorbell ring - Intercom ring – Innercall ring - Guard Call ring
	Date and time - Language - Monitor timing - Shortcut setting - SD card - Auto close after unlocking - Auto unlock - Name - Key tone - Screen on in divert
	Call_Nbr - Parameter - Upgrade - Reboot
	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. In total 22 tones can be selected.

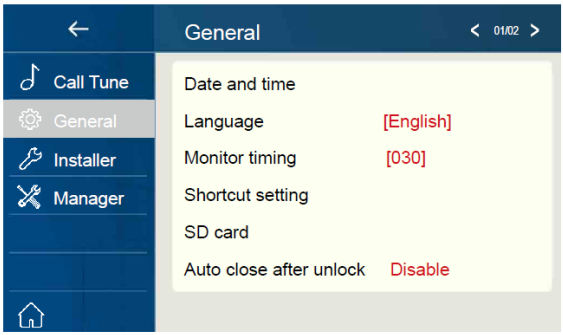


Ring volume: adjust the ringtone volume.
Ring time: adjust the ringtone time.
Door1/2/3/4 calling ring: call tone from door entrance panel.
Doorbell ring: call tone from doorbell.
Intercom ring: call tone from an intercom of another apartment.
Inner Call ring: call tone from an intercom in your apartment.
Guard Call ring: call tone from Guard unit.

General setting

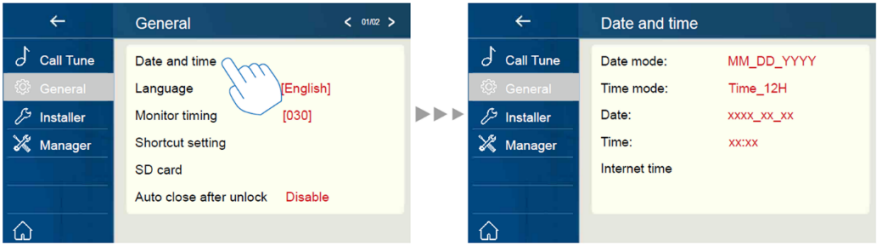
This section contains the general settings and device information.

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



Date and time setting

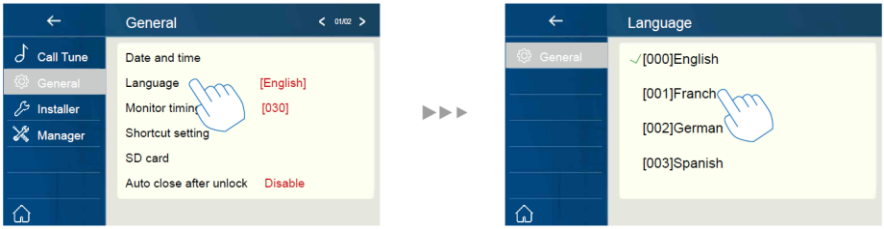
The current date and time can be modified at any time.



Date mode: month/date/year and date/month/year
Time 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 desire language at any time.



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

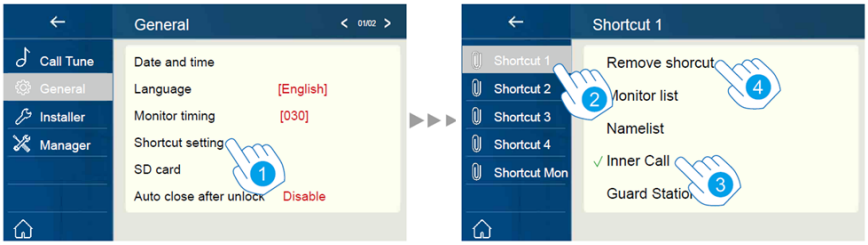
Setting monitor time

The monitor time 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 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

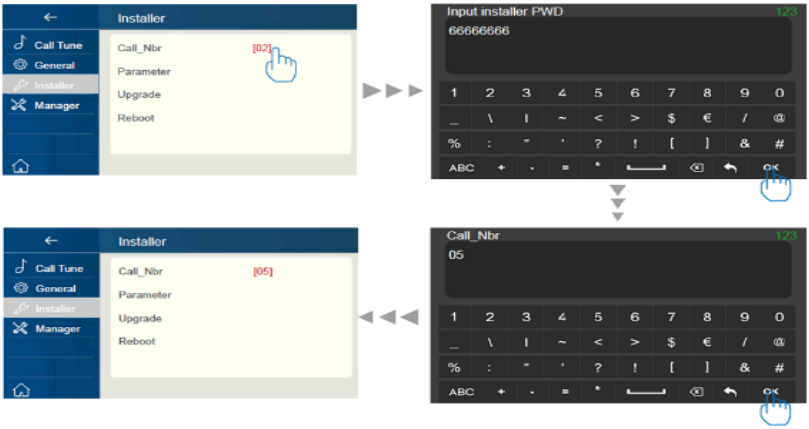
If the device inserts an SD card, the SD card info can be reviewed on the device.



SD information: SD card capacity.
Copy image: touch it to copy the recorded images to SD Card.

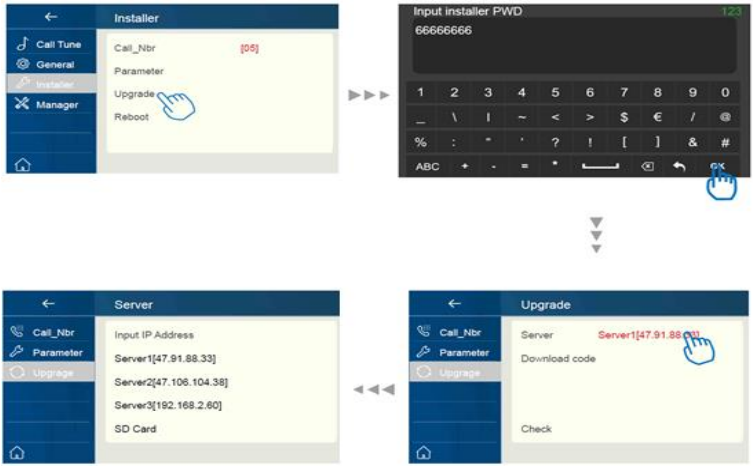
15. Address Setup

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.
5.



16. Firmware Upgrade

1. From the main menu, tap **"Setting"** icon.
   A list of available setting is displayed.
2. Select "Installer", and then tap "Upgrade".
3. nput 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 2 sources. Tap on the desired 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 tapping “Download code” and entering code, (This can be supplied by technical support team) the device will show update information. After all, tap “Check” to load upgrade information from source.

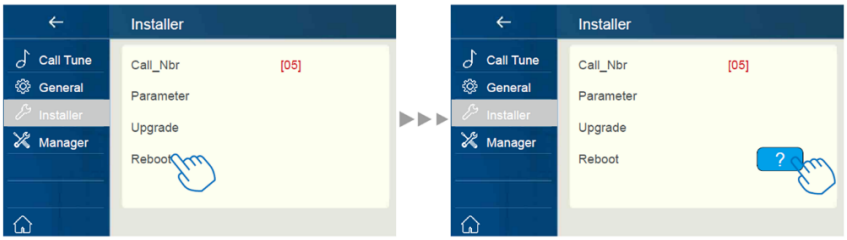
With tips on the screen as below:

Please insert SD card.	#Some upgrade is oversize, require SD card to storage firmware.
Mismatched.	#Update firmware was found but is not suitable for this device.
Connect Error.	#Check networks.
No file.	#Source has been inspected but there is no firmware need to upgrade.

Then, the device will begin to upgrade automatically, please do not power off during upgrade.

17. Reboot

It's possible to Auto reboot or Reboot the device.



18. 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 DX monitor and one for VDP Connect APP. Server will apply to restore two accounts' password to default and register it. Only when:

- Your DX monitor is not brand new. We suggest you touch “Use default” before testing.
- VDP Connect APP is not able to register on server.

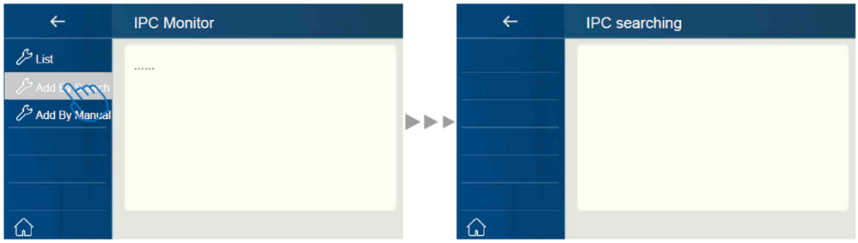
2. Touch it, DX monitor will apply to clean all SIP “contact” on server, and will try to register itself to server. This function it will help when:
    - VDP Connect APP is not able to get push notifications.
    - DX monitor has connected with Wi-Fi, but “Server” icon has “!” or “x” next to it.

19. IPC Setting

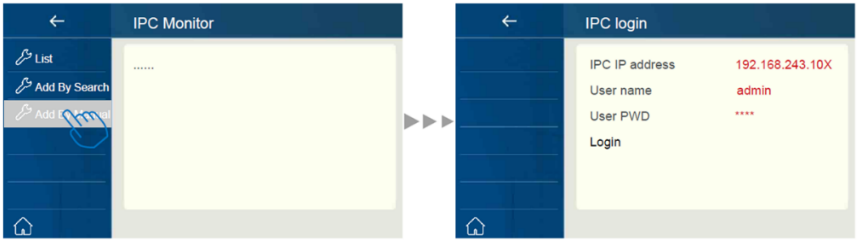
It's available to set the related function of IP camera.



Add IPC by searching: Add the IP camera by searching online.



Add IPC by Manual: Add the IP camera by manual.



Note:

This function requires the monitor to be connected to Wi-Fi.

20. Restore Factory Settings

This device allows the user to recover the settings to factory setting.



21. 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 monitor → Settings

→ Manager → SIP config → .

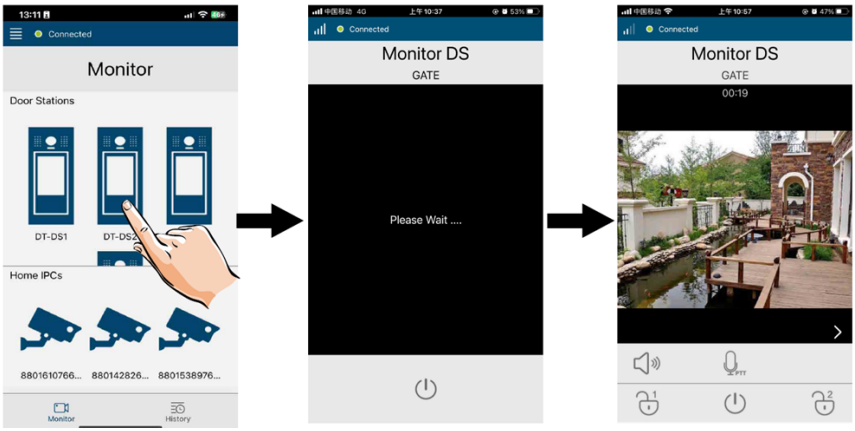


3. After login SIP account on VDP Connect APP, check on status bar, or tap on the “Connected” area to manually register, until VDP Connect displays:



22. Door station surveillance via VDP Connect APP

On VDP CONNECT APP, press on the icon and wait for a few seconds. If the system has 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.



23. 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 (°C)
- Dimension:
  161(H)×174(W)×22(D)mm

24. Precautions

1. All components should be protected from violence vibration, and not allow to be impacted, knocked and dropped.
2. Please clean with soft cotton cloth, please do not use the organic detergent or chemical cleaning agent. If necessary, please use a little water or diluted soap water to clean the dust.
3. Image distortion may occur if the video monitor is mounted too close to magnetic field e.g. Microwaves, TV, computer etc.

4. Please keep the monitor away from moisture, high temperatures, dust, caustic and oxidation gas in order to avoid any unforseen damage.
5. Must use the right adaptor which is supplied or approved by the manufacturer.
6. Pay attention to the high voltage inside the products, please refer service only to a trained and qualified professional.

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