



Smart Video Door Phone

ZEB VDP7300HD



User Manual

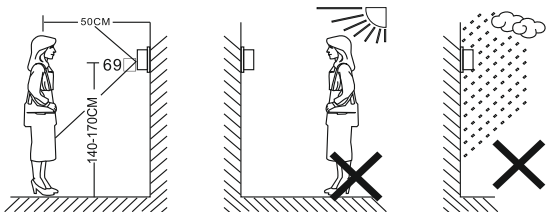
www.zebronic.com

Dear Customer,

Thank you for buying Zebronics Video Door Phone. Please go through the following instructions for a smooth operation.

Safety Instructions

- ◆ Keep the indoor unit away from high temperature such as near an oven or in direct sunlight and high humidity areas such as a bathroom and greenhouse.
- ◆ Do not install the indoor unit close to a television or any item that could cause interference or jamming of signal to the intercom.
- ◆ Do not touch the unit with wet hands.
- ◆ Avoid throwing, dropping or hitting the units.
- ◆ Clean the camera or screen with a soft cloth.
- ◆ Do not use detergent, thinner, volatile or corrosive liquid.
- ◆ Do not expose the camera of the outdoor unit to direct sunlight.
- ◆ To use the product make sure it is barrier free and there is no interference.
- ◆ When a car or a motorbike passes by, the image may become blurred or be cut off due to the interference of radio wave.
- ◆ This Product can be connected to an external UPS for continuous operation during power outages.
- ◆ Fix the unit 1.4m - 1.7m high from the ground (according to the camera effect) so as to avoid direct sunshine.



Features

- ◆ 7" Large Screen
- ◆ PIR (Motion Detection)
- ◆ Call Alert (via app)
- ◆ Enables Video Monitoring (up to 1 Minute)
- ◆ Captures Images and Videos*
- ◆ Dual Band WiFi (2.4 GHz & 5 GHz)
- ◆ External Storage of up to 256GB (Supports mSD Cards)
- ◆ Intercom Function through App
- ◆ Door Lock Release
- ◆ IR Night Vision
- ◆ Two-Way Talkback
- ◆ In screen-saving mode
- ◆ Custom Tones & 6 Chime Tones
- ◆ Link up to 2 Outdoor Units
- ◆ Personalized Greetings

Specifications

Outdoor Unit

Image Sensor Config.	: 2MP 1/3" CMOS
Image Resolution	: 1920 x 1080
Frame Rate	: 20 FPS
Lens	: 1/3" @F2.94mm

Night Vision	: up to 5m in distance
Net. Weight	: 105g
Product Dimension	: 5 x 2.8 x 13.6 cm (W x D x H)
Motion Detection	: Yes, PIR
Voice Messages	: Yes
Camera	: 700TVL
Surface Mount	: Yes
Adjustable Microphone and Speaker Volume	: Yes
LED for Night Vision	: IR LED
Angular Bracket	: Yes
WiFi Enabled	: Yes
Supporting WiFi Bands	: 2.4GHz & 5GHz
Supporting WiFi Security Protocols	: WEP / WPA / WPA2 / WPA3
Housing	: Plastic
IP Level	: IP65
View Angle	: 120° Wide Angle

Indoor Unit

Screen Size	: 17.78 cm
Screen Resolution	: 1024 x 600 pixel
Brightness Setting	: Adjustable
Contrast Setting	: Adjustable
Image Adjustment	: Yes
Colour Setting	: Adjustable
Volume Adjustment	: Yes
Night Vision	: IR Night vision
Talkback Type	: Yes

Door Lock Release	: Yes
External Storage	: Yes, Upto 256GB (mSD Card)
Image Storage Capacity	: 50 Images
Video Storage Capacity	: Yes (In mSD Card)
Recorded Video Length	: 15 Seconds
Indoor Monitors	: 1 Indoor unit
Input Power	: DC 14.5V
Melody	: 6 Melody with Customization Tones (mSD card)
Digital Photo Frame	: Yes
SDRAM (Built-in CPU)	: 64MB DDR2
Effective Area	: Horizontal 120°, Diagonal 145°, Vertical 65°
Microphone	: -42dB
Relative Humidity	: < 90%
Input Voltage	: DC 14.5V, 1A Max.
Power Consumption	: Static State $\leq 3W$, Working State $\leq 10W$
Operating Temperature	: -20 °C to 50 °C
Net. Weight	: 372g
Net. Dimension	: 21 x 3.1 x 14.1 cm (W x D x H)

Package Contents:

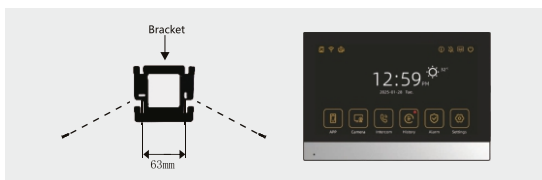
Indoor Unit	: 1U
Outdoor Unit	: 1U
Mounting Kit	: 1SET
Connectors Kit	: 1SET

Power Adaptor	:1U
QR Code Guide	:1U

Installation

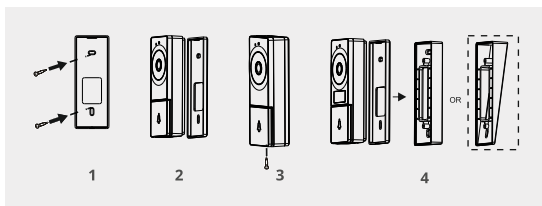
Indoor Unit

1. Screw the bracket on the wall.
2. Hang the unit on the bracket after finishing the connection.



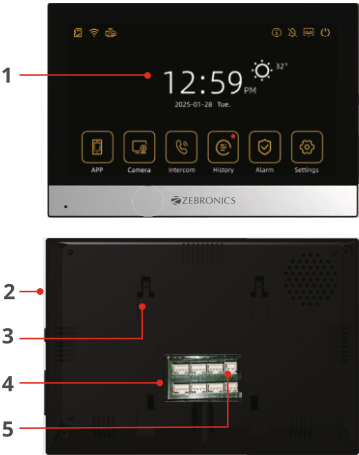
Outdoor Unit

1. Drill proper holes in the wall, plug up the screw holes with silicone caps.
2. Refer to the wiring diagram to do the wire connection.
3. Hang the outdoor unit to the mounting bracket, then fix it with screws.
4. If you need install the outdoor unit on angular bracket, please fix the angular bracket to the wall first, then install the outdoor unit on the angular bracket.



Operation Buttons

Indoor Unit

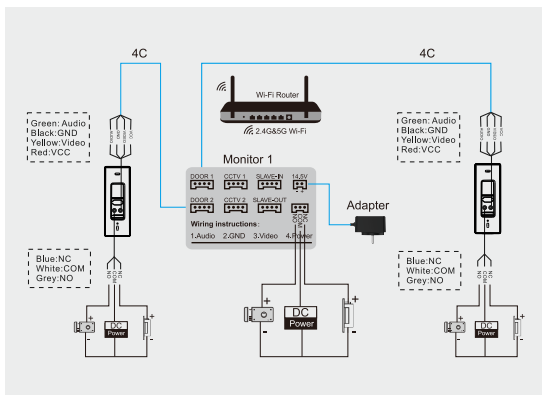


- 1. Capacitive Touch Screen
- 2. mSD Card slot
- 3. Bracket Slot
- 4. Wiring Terminal
- 5. DC Input

Outdoor Unit



Wiring Schematic Diagram



Note:

1. For the outdoor unit connected to monitor terminal "DOOR 1", it will be shown as door 1 on the monitor.
2. For an outdoor unit connected to the monitor terminal "DOOR 2", it will be shown as door 2 on the monitor.
3. The VDP can be expandable up to 2 Outdoor units along with 4 monitors, 2 security cameras & 2 alarm sensors.

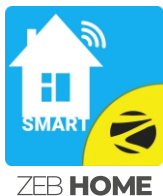
Wiring: Wire Type and Length

Wiring Run	Wire Type		
	Specification		Length (Max.)
	Size	Type	
Outdoor Unit to Indoor Unit	0.75mm ²	RVV4	50m
	0.5mm ²	RVV4	30m
	0.3mm ²	RVV4	10m
Outdoor Unit to Electric Lock	1mm ²	RVV2	1.5m
Indoor Unit to CCTV Camera (Optional)	0.5mm ² to 1.2mm ² (RVV2)		10m

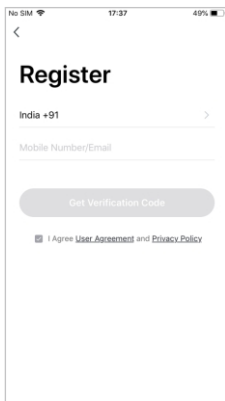
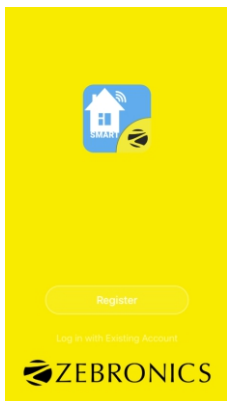
Getting Started with ZEB HOME App

1. Download the App :

Scan QR code to download ZEB-HOME app



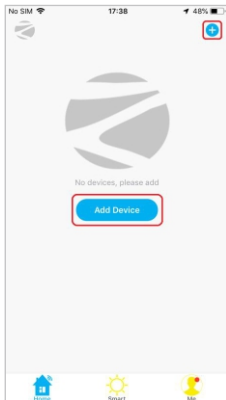
2. Register with your mobile number/Email then login :



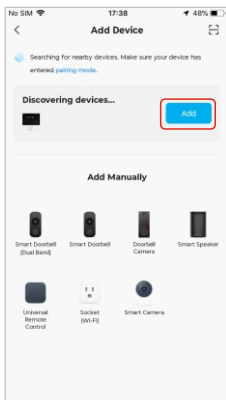
3. Configuration :

♦ Tap "Add Device" or the icon "+" in the top right corner Choose "Smart Doorbell" in the

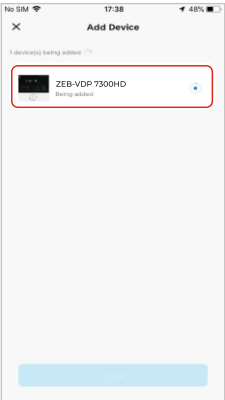
Device type Make sure the indication is flashing quickly, and click “Next Step”.



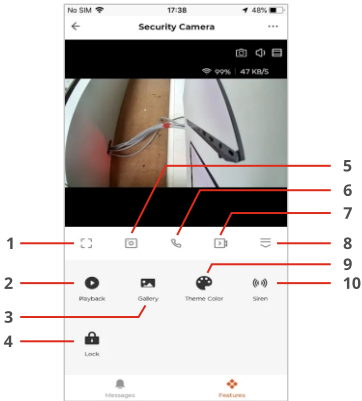
- ◆ Then once again click on the “Add” Icon to see the VDP name available in the Discovering Devices.



- ◆ Then you are able to see the Device name **“ZEB-SVDP 8000”** Then click on the Done icon and wait for 25-30 seconds to connect with your mobile device.



4. App Interface:



4.1. Fullscreen:

Tap on this icon to view the Fullscreen display through the outdoor unit.

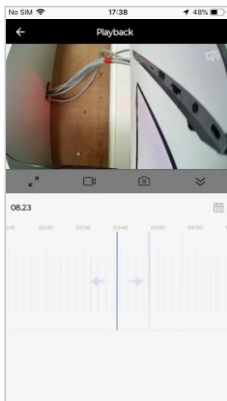
4.2. Playback :

Tap on this icon it will display the playback that has been saved to the SD Card on the indoor unit.

If no SD Card is detected then it will display the below image.



When you place the memory card inside the indoor unit of the VDP then it shows the below image. Now you can see the playbacks that are stored in the SD Card.



4.3. Gallery:

Tap on this icon to view the Recordings / Screenshots on the outdoor unit that are being saved from the Recording/Screenshot icons.

Note : *This Recording/screenshots are saved in the internal storage of your mobile.*

4.4. Lock :

Tap on this icon to release or lock the door if you connect your door through the lock wirings of the VDP.

4.5. Screenshot :

Tap on this icon to take the screenshot of the view that is being displayed through the app on the outdoor unit.

4.6. Call :

Tap on this icon to communicate to the person or visitor through the outdoor unit.

4.7. Recording:

Tap on this icon to record the footage that is being viewed through the outdoor unit.

4.8. Hide the icons:

Tap on this icon to hide the icons on the app.

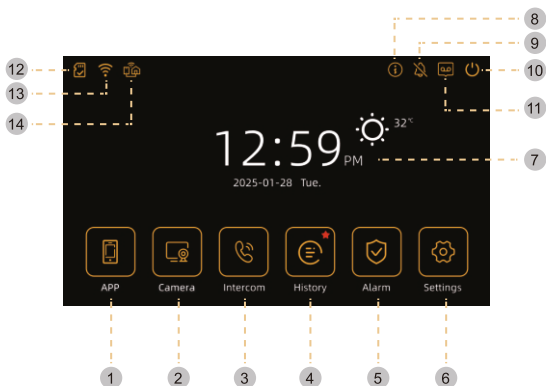
4.9. Theme color:

Tap on this icon to change the theme icons on the app.

4.10. Siren:

Tap on this icon to make the siren or alarm alert.

Main Screen or Home Screen

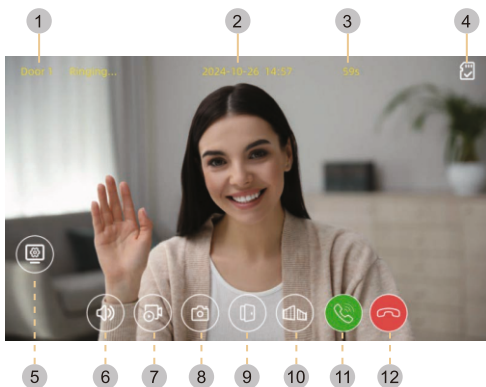


No.	Menu	Details
1	App	Connect App : Emergency call to APP
2	Camera	Monitoring camera and CCTV
3	Intercom	Move to the intercom menu
4	History	Move to the list of record images and videos
5	Alarm	Move to the Alarm settings
6	Settings	Move to the setting menu
7	Date & Weather Forecast	Indication of the date, time and weather forecast
8	Info	Move to the information menu
9	Mute Mode	The monitor will have no ringing.
10	Message Mode	Enable clients to leave message(only SD card enable) To set custom message, please refer to"Settings-Others-Leave Message"
11	Screen Off	Turn off the screen
12	SD Card Status	Indication of SD card insert or not
13	Wi-Fi Status	Indication of Wi-Fi signal strength
14	Phone Connection Statu	Indication of phone connection status

Note : Please set up and time before use. If you do not set up, some problem in saving still-cut images and video-clip might happen.

Monitor

The below screen will be shown when calling from the door camera . If the camera is not installed, it cannot be executed.



- 1. Camera** : Displays the number of the currently active camera.
- 2. Date & Time** : Shows the current real-time date and time.
- 3. Monitoring Time** : A countdown timer showing the remaining time for ringing or talking before an auto-switch.
- 4. SD Card Status** : Indicates whether an SD card is inserted. Video and image storage is only available when an SD card is present.
- 5. Settings** : Tap to adjust the door camera's display settings (Brightness, Contrast, Color).
- 6. Volume** : Tap to adjust the speaker volume for conversations.

7. Video Storage : Tap to manually save a video recording. (Requires an SD card, Auto-Storage Mode : When enabled, videos are saved automatically during a call.)

8. Image Storage : Tap to capture and save a still photo.

9. Door Lock Opening : Tap to unlock the door connected to the outdoor unit.

10. Gate Lock Opening : Tap to unlock the gate connected to the monitor.

11. Call Answer : Tap to answer an incoming call from a visitor.

12. Hang Up : Tap to end the current call.

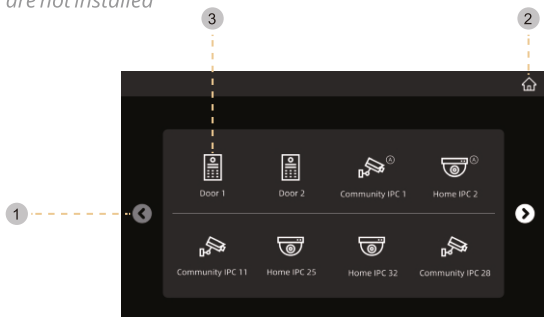
Note:

1. You will hear a ringing tone and the visitor's live image will appear on the monitor.
2. The maximum ringing time is 60 seconds.
3. If Auto-Storage Mode is on, a video clip and image are automatically saved.
4. Tap the Call Answer button to talk to the visitor.
5. The maximum talking time is 120 seconds.
6. Tap the Door Open button to unlock the door.
7. While a video is being automatically stored, you can manually save an additional video clip at any time during the 120-second talk period.
8. If a new call comes in from another camera, the current call will end and the new call will be connected automatically.
9. Tap the Hang Up button to end the call. The screen will then return to the main display.

Camera

When you touch the Camera button, the below screen will be shown. You could choose which device to monitor. Support connecting Max. 2 outdoor units, 2 CCTV and 4 WiFi cameras.

Note : You cannot use camera functions if cameras or CCTV are not installed



1. Left/Right Movement : To move the previous and next page.

2. Home Page : Back to home page.

3. Door 1 : To monitor Outdoor units. When you click the button, the below page will be shown.



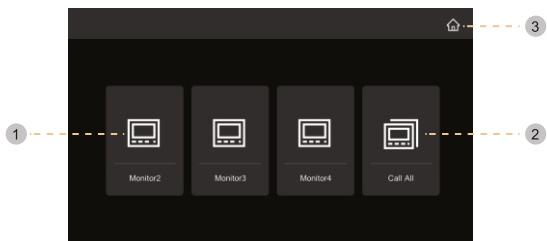
1. Cycle Monitoring : Automatically cycles through connected cameras. When cycle monitoring is enabled, it will automatically record video or images each time it switches to a device.

2. Cycle Monitoring Countdown : Cycle monitoring countdown display (Max. 60s).

3. Switch View : To switch between connected devices. (At least 2 connected outdoor unit or CCTV)

Intercom

When you touch the intercom button, the following screen is displayed.

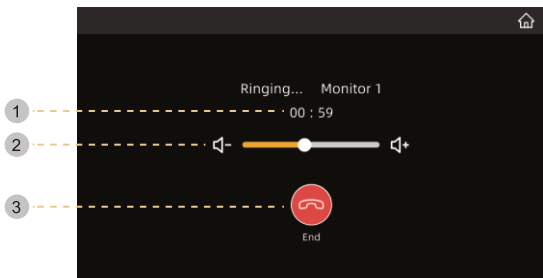


1. Monitor1 : To call the connected intercom.

2. Call All : To ring all connected intercoms, other devices will stop ringing when one answers at first.

3. Home Page : Back to home page.

When you click any monitor to intercom, the following page would be shown if the other one picks up.



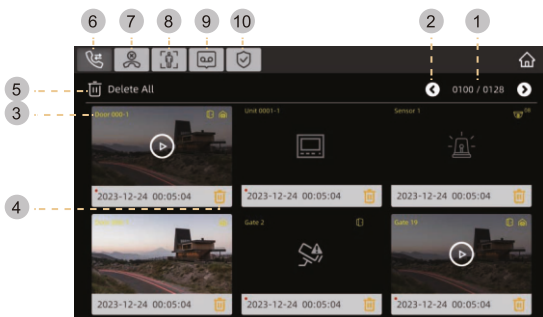
1. Countdown : Intercom countdown (Max.120s).

2. Volume Adjustment : To adjust the volume.

3. Hangup: To hang up the call.

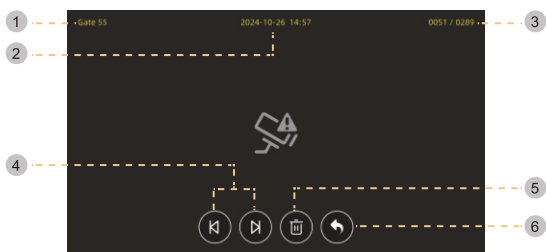
History

When you touch the History button, the below screen will be shown. Then you can select and play the file. (The selected image will be enlarged and the video will be displayed.)



1. **Page Information** : Current page/ total page.
2. **Move the Page** :To move the page.
3. **File Information** : Files saved from which devices.
4. **Delete** :Delete files.
5. **Delete All** :Delete all files.
6. **Intercom Files** : Files saved via intercom.
7. **Missing Call Files** : Files saved via missing calls and monitoring.
8. **Motion Detection Files** : Files saved while triggering motion detection monitor.
9. **Message Files** : Files saved via leaving message mode.
10. **Emergency Files** : Files saved while triggering an emergency are executed.

Images



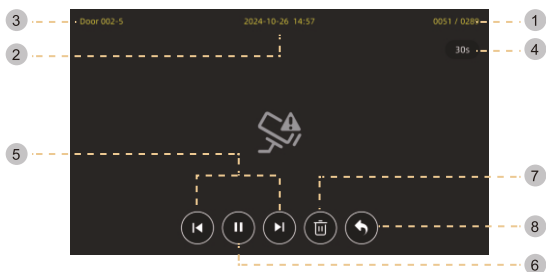
1. **Storage Source.**
2. **Date&Time** : Files captured time.
3. **Page Information.**

4. Left/Right Movement : To move the previous and next file.

5. Delete Files : To delete images.

6. Back : Back to History page.

Videos



1. Page Information.

2. Date & Time : Files captured time.

3. Storage source.

4. Video-Clip Duration : Captured video-clip duration.

5. Left/Right Movement : To move the previous and next file.

6. Delete Files : To delete images.

7. Playing the File : To play the current video-clip. During playback, the icon is changed by the pause button.

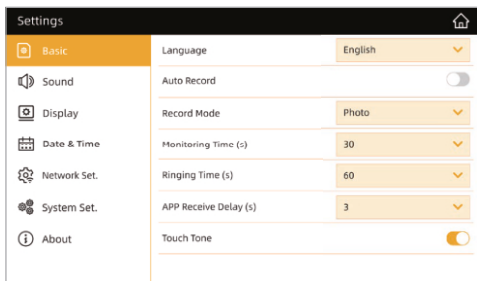
8. Back : Back to History page.

***Note :** Immediately after inserting an SD card, the loading time depends on the number of stored file sizes. (Please wait a moment)*

System Settings

- ◆ When you touch the "Setting" button, the below screen will be shown.
- ◆ When you select each item, the corresponding sub item is displayed on the right.

1. Basic



1.1. Language : Different languages for options.

1.2. Auto Record : Turn ON/OFF auto record.

1.3. Record Mode : Select between Photo/ Video for the record type. If the SD card is not inserted, only images can be saved.

1.4. Monitoring Time : The device can loop monitor all the outdoor unit and CCTV cameras, and image/ video could be saved. (10/30/60 seconds camera: Select cycle monitoring time for each outdoor unit or camera.)

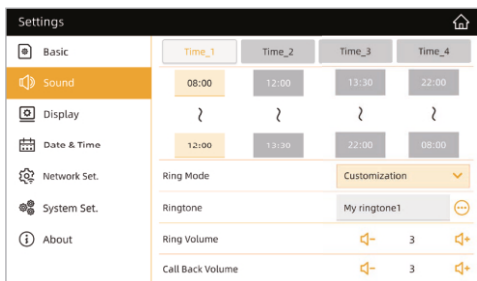
1.5. Ringing Time : Door ringing duration.

1.5. App Receive Delay : Call notification delay to APP.

1.5. Touch Tone : Turn ON/OFF touch sound.

2. Sound

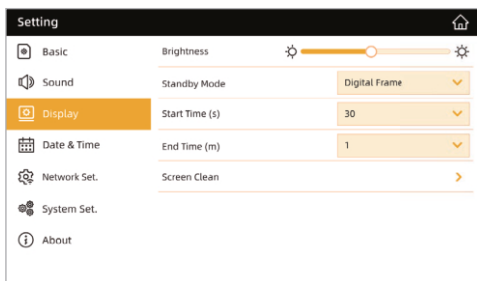
You can set 4 ringing schemes based on 4 different time periods for outdoor as below. (Ring time, melody and volume are all adjustable.)



Note:

- ◆ *Ring mode*
 1. *Standard : To choose system ringtone.*
 2. *Customization : You can customize your ringtone by inserting a SD card*
- ◆ *Please put your ringtone into the "music" file, the format should be ".mp3".*
- ◆ *Ringtone : There are 6 different melodies for choice.*
- ◆ *Ring Volume : To adjust the ring volume of calling.*
- ◆ *Call Back Volume : To adjust the calling out volume.*

3. Display



3.1. Brightness : To adjust the brightness of the display.

3.2. Standby Mode : Various standby modes can be set.

1. Black Screen : Black screen while entering standby mode.

2. Date & Time : Date and time would be displayed while entering standby mode.

3. Digital Frame : Enable the open frame mode while entering standby mode.

Note:

- ◆ Please put your own images into the "picture" file, The folder only accepts images in ".jpg" format.
- ◆ The maximum allowed resolution is 2048*1152, and the minimum at least 103*60.
- ◆ The folder can store up to 50 images maximum. Some images contain progressive attributes. If you experience abnormal color display with your
- ◆ The wallpaper image, please save it again in JPG/JPEG on the computer.
- ◆ If the motion detection function is activated, this function does not work.

3.3. Start Time : Screen turns off after seconds of inactivity.

3.4. End Time : All wallpapers play in a minute cycle.

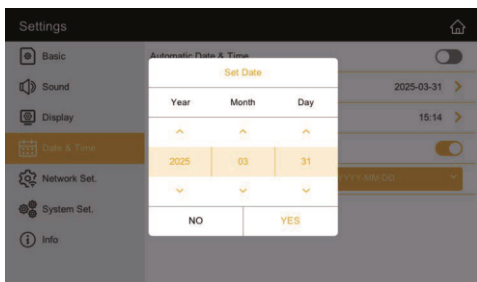
3.5. Screen Clean : When selecting 'Cleaning mode', the touch screen is deactivated for 30 seconds.

4. Date & Time

4.1. Automatic Date & Time : Turn ON/OFF automatic date & time

- ♦ While it's on, the device will match your phone's time upon APP connection.

- ♦ While it's off, you could set the time manually.

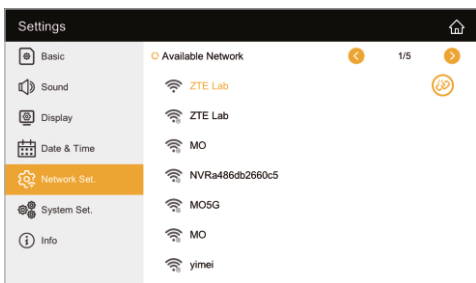


4.2. 24-Hour Format : Use 24-hour clock

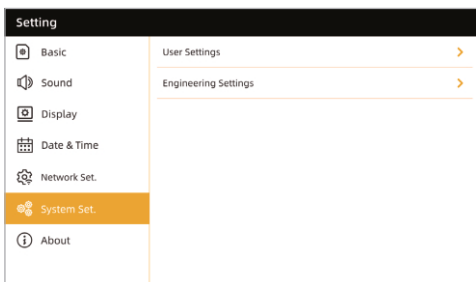
4.3. Date Format : Format display style.

5. Network Set

You can search the surrounding network and connect to the selected wireless network. Select the Wi-Fi from the network list of auto-discovered and enter the password to connect.



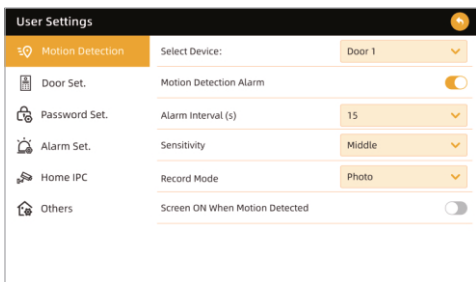
6. System Set



6.1. User Settings:

To enter this page, a security password is needed. The default password is 123456.

6.1.1. Motion Detection



- ◆ **Select Device** : Select camera for motion detection.
- ◆ **Motion Detection Alarm** : To set enable / disable motion detection.
- ◆ **Alarm Intervals** : To set the waiting time before the next alarm triggers after the previous one.
- ◆ **Sensitivity** : Sensitivity can be set as high / middle / low.
- ◆ **Record Mode** : To choose record mode while triggering motion detection. (Photo / Video)
- ◆ **Screen On When Motion Detected** : The screen will show the outdoor image while motion detection is triggered.

Note:

1. In night or dark places, the LED of the door camera is always on while this function is working.
2. It is not recommended to turn on this function if the door camera is installed towards a crowded street, for it will send notifications to your phone frequently. (This product is

*only an intercom system, and it can not totally replace DVR.
Please do not turn on this function if not necessary)*

6.1.2. Door Set

User Settings	
Motion Detection	Select Panel: Door 1
Door Set.	Door Unlock Time(s) 3
Password Set.	Door Always On ☐
Alarm Set.	Ring Volume 3
Home IPC	Talk Volume 3
Others	

- ◆ **Selected Panel** : Select camera for motion detection.
- ◆ **Door Unlock Time** : Select the door unlock time.
- ◆ **Door Always On** : If the outdoor unit has a password or RFID module and always needs a power supply, please turn on this option.
- ◆ **Ring Volume** : Adjust the ring volume of the outdoor unit.
- ◆ **Talk Volume** : Adjust the talking volume.

6.1.3. Password Set

Enter the correct current password and enter the new password.

User Settings

Modify User Password

Current Passwrd

New Password

Input Password

Confirm Password

Input Password

1

2

3

4

5

6

7

8

9

0

Note : If you forget the password , you can restore to the default password “123456” by resetting the system.

6.1.4. Alarm Set

User Settings

Motion Detection

Arm Active Delay (s)

3

Door Set.

Alarm Trigger Delay (s)

3

Password Set.

Alarm Volume

3

Alarm Set.

Alarm Time (m)

5

Home IPC

Alarm Record Mode

Photo

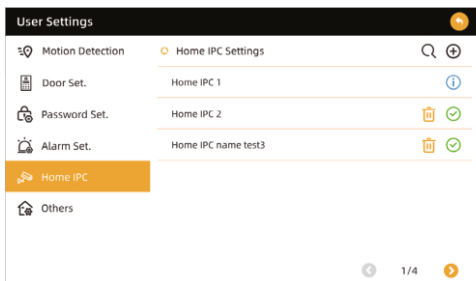
Others

- ◆ **Alarm Active Delay :** Adjust the delay time after being alarm mode enabled.
- ◆ **Alarm Trigger Delay :** Choose alarm sound delay time while triggered.

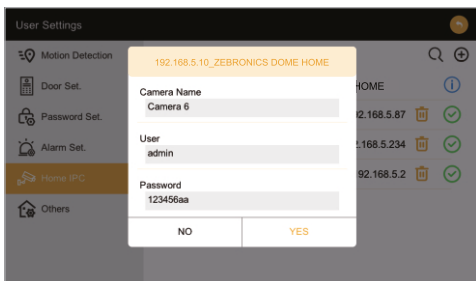
- ◆ **Alarm Volume**: Adjust the alarm volume.
- ◆ **Alarm Time**: Adjust the alarm time.
- ◆ **Alarm Record Mode** : Choose the alarm record mode while it's triggered.

6.1.5. Home IPC

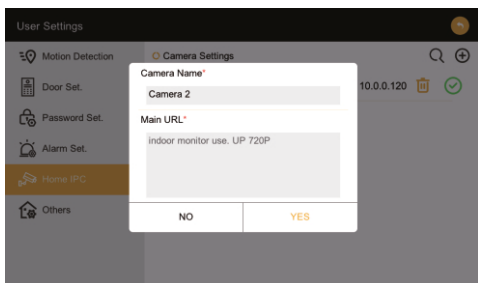
Home IPC supports connecting digital cameras. (Max.4)



- ◆ Click “ 🔍 ” to search the surrounding cameras. And Click “ ⓘ ” to see the detailed information of the camera. The following screen will be shown. Please enter the User and Password of the camera and click YES.



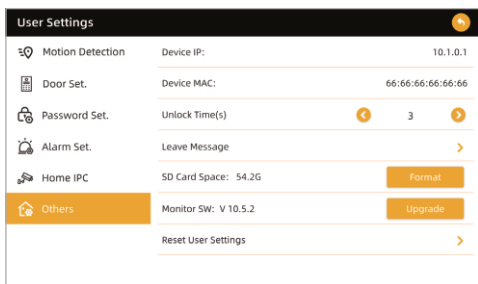
- ◆ You can also connect the camera manually. The following screen will be shown when you click “”. Please enter the custom name and main URL of the camera and click YES.



- ◆ Click the “” button to unbind cameras if you no longer use them.

Note : The Max. resolution of the camera is 2048 x 1152, and H.265 encoding is required.

6.1.6. Others

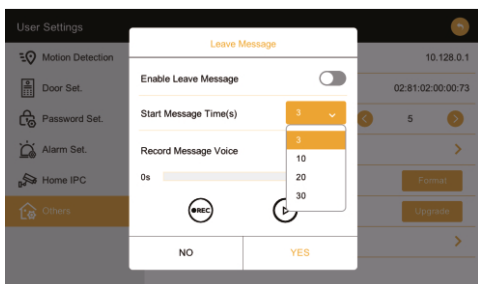


- ◆ **Enable Leave Message :** While turned on,

you can record a custom voice greeting for visitors (played when the doorbell is pressed).

- ◆ **Start Message Time** : To set the delay between a visitor pressing the doorbell and the playback of the greeting message (3/10/20/30 seconds allowed).

- ◆ **Record Message** : Press the "  " icon to record and the "  " icon to pause if you need. Then click YES to confirm.



- ◆ **SD Card Space** : Indicates the remaining storage of the SD card. Click "  " to format the SD card.

- ◆ **Monitor SW** : Indicates the software version. Click "  " to upgrade the software (The new version must be on the SD card to upgrade).

- ◆ **Reset User Settings** : To proceed with initialization.

- ◆ **Unlock Time** : Choose the unlock time for the gate lock connected to the monitor.

6.2. Engineering Settings

To enter this page, a security password is needed. The default password is 123456.

6.2.1. Unit No.

Engineering Settings

Unit No.

Unit No.

1

Alarm Senior

Device No.

< 1 >

Others

- ◆ **Device No.** : Set the ID number of the current monitor; an ID from 1-4 can be set.

***Note** : If more than 2 monitors are connected, please set a different floor number or extension number for each monitor before using.*

6.2.2. Alarm Sensor

There are two options (Home & Leave) allowing you to configure sensor modes.

Engineering Settings

Unit No.

Home Alarm Sensor

>

Alarm Senior

Leave Alarm Sensor

>

Others

Click either option (Home or Leave) to enter the following screen.

The screenshot shows a mobile application interface titled "Alarm Set." with a back arrow in the top right corner. Below the title is a yellow header bar labeled "Defense District". The main content is a table with the following columns: "No.", "Alarm Type", "Trigger Type", "NO/NC", "Bind IPC", and "On/Off".

No.	Alarm Type	Trigger Type	NO/NC	Bind IPC	On/Off
1	Infrared	Instant	NC		☒
2	Infrared	Delayed	NO		☒

- ◆ **Alarm Type** : Select the connected sensor type.
- ◆ **Trigger Type** : Select the trigger type when triggered (Delay/Instant/24h Instant).
- ◆ While selecting Delay, the delay time can be set in "User Settings" -> "Alarm Set" -> "Alarm Trigger Delay".
- ◆ **N/O|N/C** : Select the sensor status (Normally Open / Normally Closed).
- ◆ **Bind IPC** : Link sensor to camera (Automatically capture photos/record videos when alarm triggers).
- ◆ **ON/OFF** : Click to turn the sensor on or off.

6.2.3. Others

Engineering Settings	
Unit No.	Reset User Password
Alarm Senior	Engineering Password
Others	Factory Reset

- ◆ **Reset User Password** : Reset the user password.(The default password is 123456.)
- ◆ **Engineering Password** : Change the engineering password.
- ◆ **Factory Reset** : Click to reset the monitor to default settings.

Reference (Micro SD card information)

- ♦ **Available Micro SD card** : MAX 128 GBytes
- ♦ **Format (File system) method** : FAT32

(Boot the product after inserting a formatted Micro SD card at first use)

- ♦ **Maximum storage capacity** : 640x360
(Maximum resolution of saved images/videos)

1. When no micro SD card inserted :

Only 50 images can be saved (Embedded memory)

2. When micro SD card inserted : Up to

10,000 images/videos can be stored.

Capacity Video (Max. 90s)	Micro SD card		
	8GB	64GB	128GB (Max.)
	1700 Files	15000 Files	27000 Files

Cautions for using Micro SD Card

1. Please do not turn on/off and insert / remove Micro SD card during playing, saving or formatting and so on. It might cause malfunction and damage products.
2. The capacity of video may vary depending on the environment being stored.
3. When the storage capacity of the micro SD card is full, the oldest files are automatically deleted and the newest files are saved. (Please back up your data when the FULL icon is displayed.)
4. Micro SD cards have limited life (Please replace the Micro SD card with a new one if there is a problem with storage and playback.)

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

Troubleshooting

PROBLEM	SOLUTION
No Video/Audio	• Make sure the outdoor unit/camera is powered up. • Make sure there is nothing obstructing the view of the camera. • Make sure the volume on the indoor unit is turned up. • If none of the above is helpful, try changing the connector/cable.
No video, but can talk	• Make sure there is nothing obstructing the view of the camera. • If none of the above is helpful, try changing the connector/cable.
No audio while calling	• Make sure the volume on the indoor unit is turned up. • Make sure all the connections are secure and properly connected. • If none of the above is helpful, try changing the connector/cable.
The outdoor unit can not call the indoor unit	• Set the indoor unit to factory settings/Reset the indoor unit.
Door release doesn't work	• Make sure all the connections with the locks are secure and properly connected. • Make sure the lock connecting to the power source is enough to work.
It is not possible to hear the door camera talk but ringtone can be heard	• Press "  " button for 2-way talk. • Make sure all the connections are secure and properly connected.
It is possible to hear the sound from camera side but is not possible to talk	• Press "  " button for 2-way talk. • Make sure all the connections are secure and properly connected.

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