ViRONE

OPERATING AND INSTALLATION INSTRUCTIONS

VIDEO INTERCOM MONITOR

VDP-63PMV

CE

EN Operation manual

INTRODUCTION

Before the installation and use of the device, please read this operation manual carefully. In case of any problems with understanding the manual, please contact the seller from whom you bought the device. Installation and commissioning of the equipment by the customer are possible if the installer has basic knowledge of electrical systems and the use of proper tools. Nevertheless, the device installation by qualified personnel is recommended.
The manufacturer is not liable for any damage that can result from improper installation or operation of the device. **Performing repairs or modifications by the customer voids the warranty.**
Since the technical data is subject to continuous modification, the manufacturer reserves the right to modify product specifications or introduce other design solutions that do not impair product performance or usability. Additional information on VIRONE products is available at: support.virone.pl. Orno-Logistic Sp. z o.o. is not liable for consequences resulting from failure to comply with the recommendations found in this manual. Orno-Logistic Sp. z o.o. reserves the right to make changes to the instruction – current version can be downloaded from support.virone.pl. Any rights to translate/construe and the copyright of this manual are reserved.

1. Disconnect the power supply before performing any activities.
2. Do not immerse the product in water or other liquids.
3. Do not operate the device with damaged housing.
4. Do not open or repair the device yourself.
5. Do not use the appliance for any other purpose than intended.
6. Do not install the monitor near equipment that emits a strong magnetic field such as TV, speakers.
7. Do not install the monitor in a location subject to high humidity, vibration, shock, or strong sunlight.
8. Do not touch directly or indirectly the internal components of a working device - risk of shock and/or burns.
9. Ensure free airflow.

WARNING
It is forbidden to make connections to live equipment!
Failure to observe the above may result in permanent damage to the device.

Each household is a user of electrical and electronic equipment, and hence a potential producer of hazardous waste for humans and the environment, due to the presence of hazardous substances, mixtures and components in the equipment. On the other hand, used equipment is valuable material from which we can recover raw materials such as copper, tin, glass, iron and others.
The weee sign placed on the equipment, packaging or documents attached to it indicates the need for selective collection of waste electrical and electronic equipment. Products so marked, under penalty of fine, cannot be thrown into ordinary garbage along with other waste. The marking means at the same time that the equipment was placed on the market after August 13, 2005. It is the responsibility of the user to hand the used equipment to a designated collection point for proper processing. Used equipment can also be handed over to the seller, if one buys a new product in an amount not greater than the new purchased equipment of the same type. Information on the available collection system of waste electrical equipment can be found in the information desk of the store and in the municipal office or district office. Proper handling of used equipment prevents negative consequences for the environment and human health!

07/2023

Simplified declaration of conformity
Orno-Logistic Sp. z o.o. declares that the VDP-63PMV video intercom monitor is compatible with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address: www.orno.pl

TECHNICAL DATA

Device type:	960P
Monitor:	7” TFT LCD
Resolution:	7” (1024*600)
Standard:	PAL
Connection mode:	Two-way / (Intercom)
Wireless connection:	Wi-Fi standard: 802.11b/g/n
	Wi-Fi frequency: 2,4GHz
	App: Tuya Smart
Maximum transmitter power:	<10mW
Power:	Max. 600mA
Power supply:	15V DC 1A
Working temperature:	0 ~+50°C
Mounting type:	surface
Max. capacity of SD card:	2GB ~ 32GB, class 10 mini TF card (read/write speed ≥ class 10)
Video input signal:	AHD
Motion sensor:	yes
System:	Supports 6 indoor monitors + 2 outdoor panels + 2 CCTV cameras
Functions:	Opening / monitoring / intercom / call transfer / video recording / APP monitoring / mute
Additional:	Digital frame / MP3 / MP4 / clock & answering machine / background music / intercom / wicket and gate operation

INDOOR MONITOR SPECIFICATION

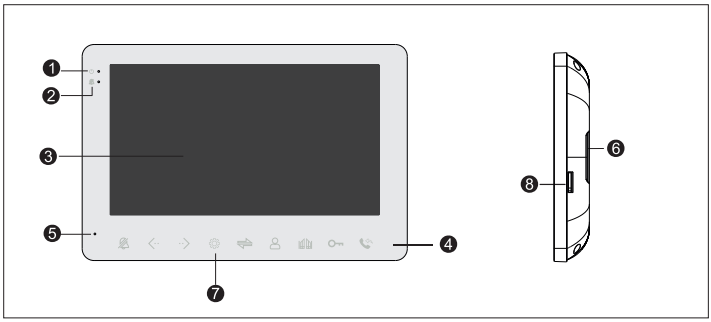
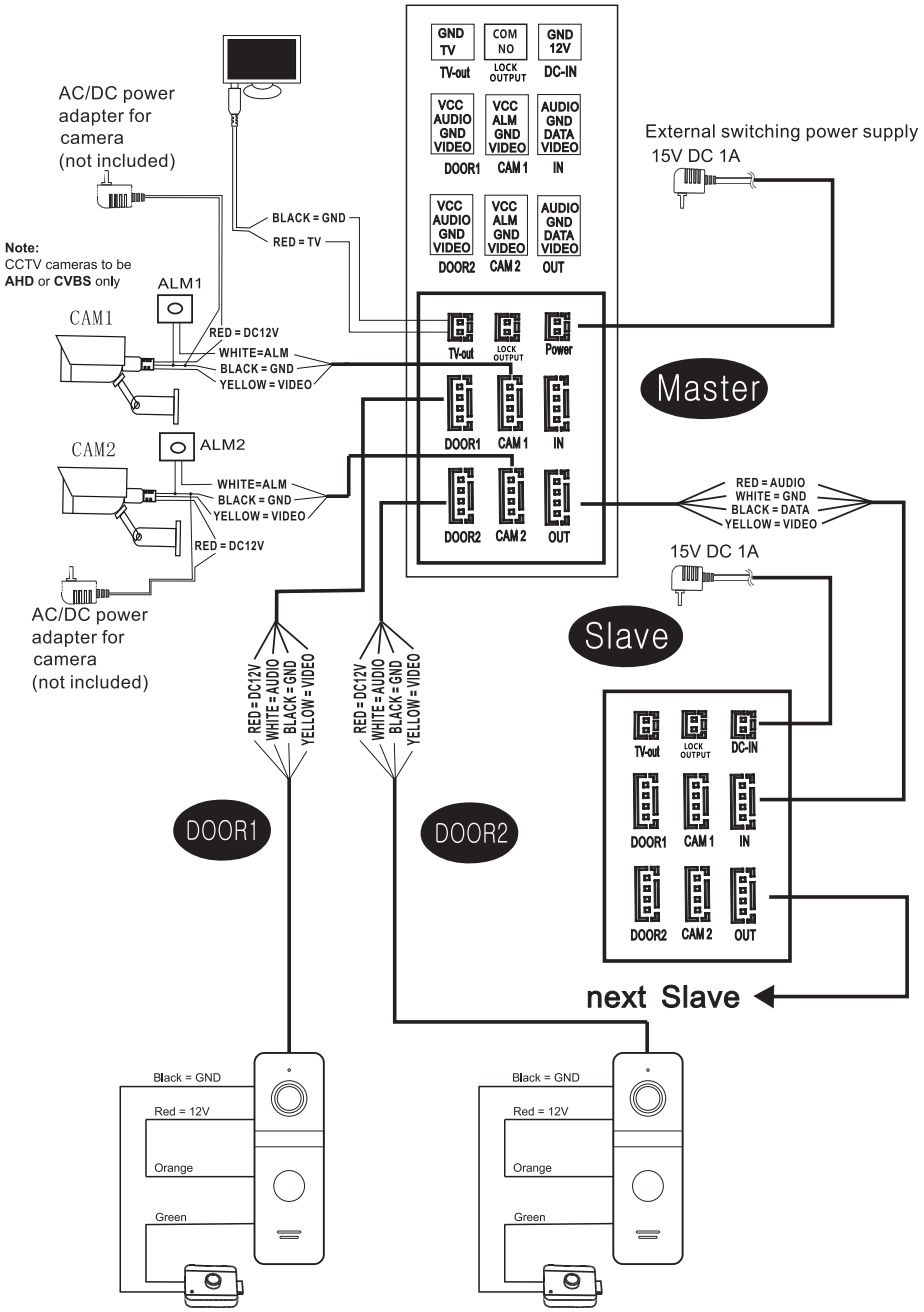


Fig. 1

No.	Name	Description
1	LED 1	LED - power supply
2	LED 2	LED – „do not disturb ” function
3	TFT Screen	View of a person outside
4	Function buttons	Capacitive touchpad
5	Microphone	Transmits sounds to an outdoor panel
6	Loudspeaker	Transmits sounds from an outdoor panel
7	Change settings button	Menu button and confirm setting s button
8	Micro SD card slot	Insert a card to save recordings and images
7	Photo	Saving a frame of the recorded image as a photo
7	Recording	Start or stop manual recording

DETAILED WIRING DIAGRAM



INSTALLATION

Electric strike/alarm/camera are not included. You must purchase an electric strike that will best suit the requirements of the set (12VDC max 500mA).

In the standard model, the system works with strikers that open with a NO contact. This means that In normal operation, the dry contact is open, so the striker is permanently closed. When the entry button is pressed and there is a change on the dry contact, the striker is released.

The type of cable and its connection is shown below. (Correct operation of the unit largely depends on the type of cable used.)

While designing the wiring system, take into account the suitable cross-section of cables:

1. Connection diagram for standard cable
4C: up to 30m recommended cable XzTKMX pw 3x2x0.5mm2
From 30 to 100m recommended cable XzTKMX pw 3x2x0.8mm2

Fig. 3

2. Connection diagram for standard unshielded cable + coaxial cable for video (75Ohm-3):

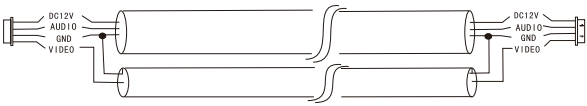


Fig. 4

The total length of the installation must not exceed 100 meters.
Important: The use of twisted-pair cables is absolutely not recommended.

SIMPLIFIED WIRING DIAGRAM

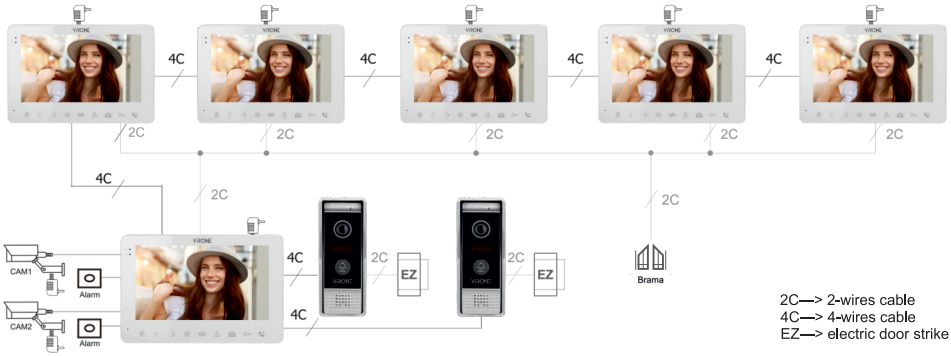


Fig. 5

Description of buttons

Right arrow		Moving to the next item, up.
Left arrow		Moving to the next item, down.
Change settings button		Composite icon: confirm/enter to main menu 1. Standby mode press button enter main menu. 2. Setting parameter press button confirm. 3. During talking/monitoring mode, press button start recording/snapshot/stop recording. 4. Playing music/video/picture mode, press the button pause/play. 5. Playing music/video, long press the button adjust volume.
Transfer button		Call transfer/Internal intercom/Color Contrast 1. Standby mode long press the button start internal intercom. 2. During monitor and door station on conversation long press the button transfer call to slave monitor. 3. During conversation or monitoring, short press the button start Color Contrast.
Monitoring		Video preview on outdoor cassette
Answer/ Hang up		1. Start conversation with door station. 2. Monitor monitoring door station, press the button start conversation with door station. 3. During conversation, press the button hang up. 4. During make menu setting, press the button exit.
Electric door strike release button		Unlock the door lock by press this button.
Gate opening button		Unlock the gate lock by press this button
Mute		Press the button switch on/off mute function (also called do not disturb).

DESCRIPTION OF OPERATION

◆ Visitor calls

Standby mode

The visitor presses the Call button on Door Station 1

The visitor presses the call button on Door Station 2

▼ A 30s of continuous Ding Dong tone is heard inside and outside

The visitor's image automatically displayed on the screen

▼

Press the Talk button on indoor monitor

▼ Stop ringing

Start conversation with Door Station

▼ The conversation duration is 120s at a time

NOTE:

If the call buttons of both Door Stations are pressed about the same time, preference would be given to the Door Station whose call button was pressed first. Please be aware there is no indication at the second Door Station. After the indoor monitor returns to Standby Mode, it can accept calls from the second Door Station.

NOTE:

If no one at home or no one answer, outdoor unit will prompts "Please leave a message", it will have 60s message time, and back to standby mode after 60s.

The release of the door opener during a call occurs when the door opener button is touched.

Press the Unlock button on indoor monitor ▶ Unlock the door of outdoor station

Press the Unlock button on indoor monitor ▶ Gate opening

Press the hang up button on indoor monitor ▶ End

Press the end call button on indoor monitor ▶ End

When the door opener is released, the audio and video connection is maintained for 20 seconds. This feature allows you to make sure that an outside person has already entered.

When the call button on the outdoor cassette is pressed, the unit starts in recording mode. The call is recorded from the very beginning. If the user presses ✿, recording is stopped manually.

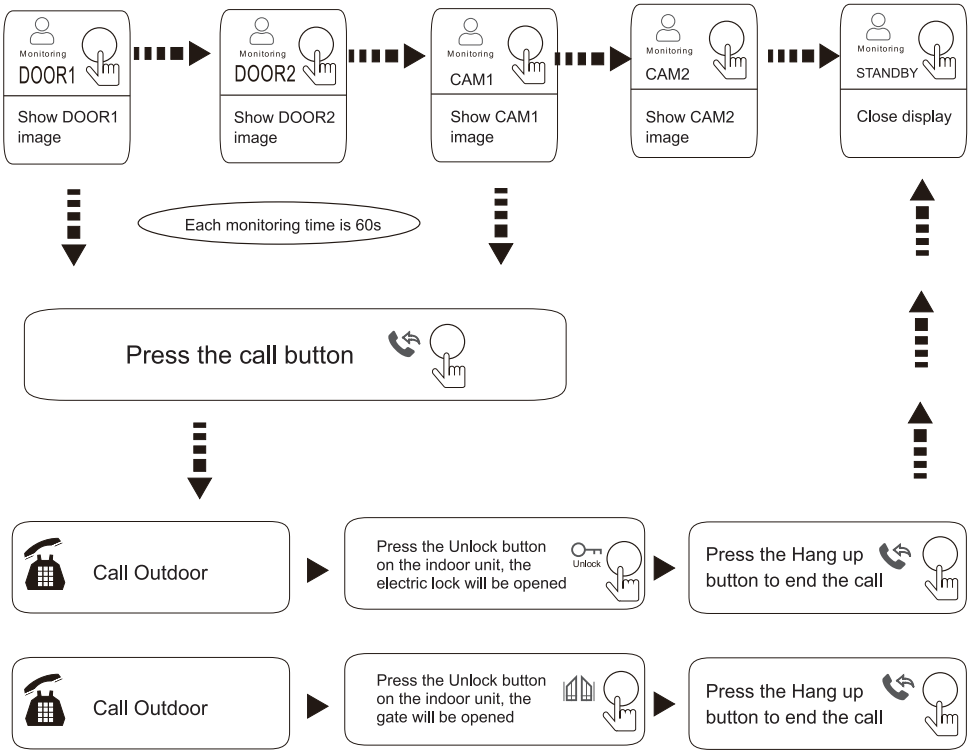
When the call button on the outdoor cassette is pressed, the unit will take a picture at the beginning of the call. The user can take further pictures by pressing the ✿.

During monitoring - the device can listen to sounds and voices coming from the outdoor cassette. Touch , to start a conversation or , to open a door. Touch the button , to open a gate.

MONITORING

Options in menu settings: operation mode DOOR1, CAM1, DOOR2, CAM2 (selectable on and off).

Standby mode



IMPORTANT:
If you use only one outdoor camera in monitoring mode, you can also exit monitoring mode by pressing the monitoring button again (CAM1, CAM2, DOOR2 must be disabled in the settings).

If you are using two indoor monitors, you can work in monitoring mode simultaneously. The same image will be displayed on both devices.

If there is a call from an outdoor cassette during monitoring, the monitor will exit monitoring mode and switch to display the image from the outdoor cassette.

For models with an SD card, if the unit is in video recording mode, press the change settings button a first time to start recording. If you press a second time, recording will stop. If the unit is in photo recording mode, press the change settings button to take a photo. By repeatedly pressing this button, you will save more pictures.

TRANSFERRING THE CONNECTION TO OTHER MONITORS

The internal communication function requires the connection of at least two internal monitors and one outdoor cassette.

Door Station calls indoor monitor and conversation is underway

▼

Touch and hold the button ⇋, to enable transfer to the device of your choice.

▼ You will hear the ring tone on the selected secondary monitor

Press the Talk button of the receiving monitor to accept the incoming call ▶ Talking with visitor ▶ The electric lock can be opened ▶ End the call and return to standby mode

Press the Talk button of the receiving monitor to accept the incoming call ▶ Talking with visitor ▶ The gate can be opened ▶ End the call and return to standby mode

IMPORTANT:

When the call is redirected to another monitor, the first monitor will return to the standby mode. The receiving monitor will ring and displays the picture.

CONVERSATION BETWEEN MONITORS

The internal connection requires at least two monitors.

Standby mode

Press and hold button ⇋

▼

Select the monitor, to which you want to connect

IMPORTANT:

If a call button is pressed on any of the outdoor cassettes, the intercom conversation is interrupted. The picture from the outdoor cassette will be displayed on the monitor and a ring tone will be sounded. Press ⇋, to start a conversation with your visitor.

▼ You will hear the ring tone on the selected secondary monitor

Press the Talk button of the receiving monitor to accept the incoming call

▼

Start conversation among indoor units ▶ Press hang up button ▶ End

MOTION DETECTION

1. In standby mode, press "⚙", to enter the main menu as shown below. The menu contains the following options: system, digital photo, mode, alarm, media, record. Press or , to move the cursor. The TALK button allows you to return the device to the standby mode.

Fig. 6

2. Press the button "⚙" , to change to MODE. There you will find the Motion Detection option. This option has 4 possible settings: DOOR1, DOOR2, CAM1, CAM2, however only one of these can be selected in operation mode.

Fig. 7

3. In standby mode, when motion is detected, the device will start recording or take a photo.

MENU OPTIONS

In standby mode, menu options are displayed in two different ways.

In standby mode, the time and date are displayed on the monitor as the factory setting. In addition, an envelope icon may be displayed if a visitor has left a message. If digital frame options have been enabled on the unit, the image stored on the SD card in the folder\USER\Photo will automatically be displayed in standby mode.

IMPORTANT:
A folder called "Photo" must be created manually on the SD card.
Photos stored in this folder will be displayed when the digital frame option is activated. The folder name is case sensitive.

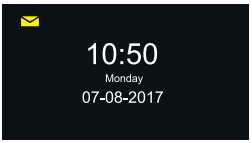


Fig. 8 Date and time

Fig. 9 Photo

If the user does not perform any actions in the device menu, the system will return to standby mode after 60 seconds (except when playing music, viewing videos and photos). The time and date are displayed in standby mode for 60 seconds and then the entire screen goes blank.

In standby mode press the button "⚙", to go to the main menu. You will see the interface as below. In the menu, press ‹·· or ··› to move the cursor as you wish, then press ↩ to return to the previous step.

Fig. 10

1. Setting system parameters

Press the button ‹·· or ··›, to move the cursor to the SYSTEM option, next press "⚙", to enter the system menu. System settings include: language, time, system information, ringtone, volume and network settings.

Fig. 11

1.1 System – language

In the system menu, move the cursor to the LANGUAGE option, press "⚙", to enter this menu option. Here you can change the language of the displayed information and the system language. Press "⚙" once, the arrow on both sides will change colour, which means that you can change the parameters. Once you have made your changes, press the button again to confirm them. The language parameters have been changed.

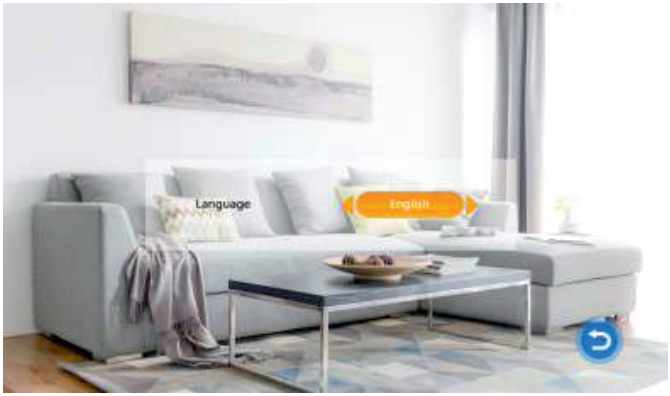


Fig. 12

1.2 System – time setting

In the system menu, move the cursor to TIME. Press "⚙", to enter this menu option. In standby mode, the current time and date are displayed on the screen. If set to ON - the time settings will be displayed on the screen. If set to OFF, the settings will not be displayed. Move the cursor to CLOCK ON, press "⚙" to disable the clock - the time will then no longer be displayed when the device enters standby mode. The screen will go blank and you will not be able to display pictures from the digital frame. DATE FORMAT - setting the time display format both in the main menu and in standby mode. Activate the individual fields by pressing the "⚙". Then use ‹·· and ··› to decrease or increase the value and confirm "⚙".

Fig. 13

1.3 System information

From the system menu, move the cursor to INFORMATION and press the "⚙". The option includes data about: software version, MCU version, free space on the SD card and the option to restart the monitor and formatting of the SD card. Additionally, the MAC address and ID number are shown.

Fig. 14

IMPORTANT:

The device only supports Micro SD cards with write speeds above 10MB/s and capacities up to 32GB.

[Reboot]: Move cursor to CONFIRM and press "⚙". A new window will appear, select YES to restart the device, select NO to cancel.

[SD card format]: Move the cursor to the FORMAT option and select ok. Press "⚙", on the displayed screen a new window will appear. Select YES to proceed or NO to cancel.

[Get ID]: select this option to update the ID number from the file stored on the microSD card
(Note: the ID number is stored in the factory. Option for service staff only)

Note: the system update is done using a Micro SD card, a description of the system update is included later in this manual.

[Back]: Exit the current menu.

2. Ringtone selection

In the system menu, move the cursor to RING and press "⚙".

Fig. 15

[Mode]: Two types of ringtone - factory and user selected. The factory ringer is the system's built-in ringer (10 factory ringtones to choose from). The user selected ringer can be a music file (mp3 format) downloaded externally, saved on a micro SD card and programmed as the ringer of the device.

[Door1]: Two types of mode: factory set and user selected.
(Note: the user can select from ringtones stored on the micro SD card).

[Door2]: Two types of mode: factory set and user selected.
(Note: the user can select from ringtones stored on the micro SD card).

Create a folder in the microSD card (note: the folder is case sensitive). This is the only way saved ringtones will be found and can be set in the device parameters. The music file should be named: ring_1 ~ ring_10. Music files must be in MP3 format.

3. Volume
From the system menu, move the cursor to the VOLUME option and press "⚙". Set the desired ringer volume. Users can programme the ringer volume in three different time intervals. The duration of the ringtone when making a call can be set from 10 seconds to 45 seconds.

[Volume 1]: RINGER VOLUME1: 01-10
[Volume 2]: RINGER VOLUME2: 01-10
[Volume 3]: RINGER VOLUME3: 01-10

[Button voice]: This function allows you to enable or disable key sounds.
[Ringback]: This function enables you to switch the doorbell on and off at the outdoor station.
Note: The volume scale refers to the ringing volume of the call.

Fig. 16

4. System - network settings
Wi-Fi settings - the monitor connects to the network and the server. The outdoor cassette connects to both the indoor monitor and the smartphone app.

Fig. 17

4.1 App download and register
Download TUYA SMART (Google Play for Android or APP store for IOS) before you start making calls and making new settings.

[1]. Open the TUYA SMART app and register an account, select the appropriate country and region.
[2]. After registration, log in to the TUYA SMART application.

4.2 Wi-Fi
Note: Wi-Fi network setting is done via the TUYA SMART app.

Steps for connecting applications on the phone:
(1). When the monitor is switched on, the device will open a hot-spot called Smartlife-Doorbell.
(2). Find SETTINGS in your smartphone NETWORK & WIRELESS NETWORKS and search for the hot-spot named Smartlife-Doorbell. If you found the above hot-spot, go straight to step 4; if not go to step 3.
(3). On the internal monitor, select the AP mode and press twice. To confirm, press "⚙". The indoor monitor will restart and display a hot-spot named Smartlife-Doorbell.
(4). Open TUYA SMART, select ADD DEVICE or click on the + in the top right corner. The following screen will appear:

Fig. 18

(5). Select the SECURITY&SENSOR category and search for Security Camera.
The following screen will then be displayed:

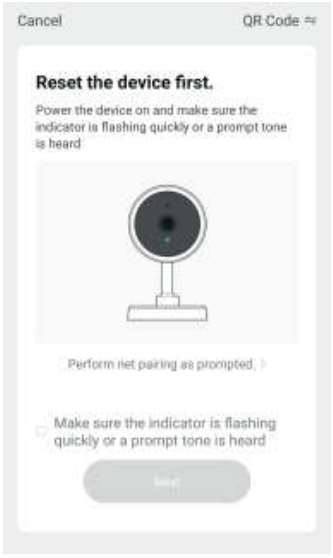


Fig. 19

(6) Click on Net Pairing Mode in the top right corner and the following screen will appear:

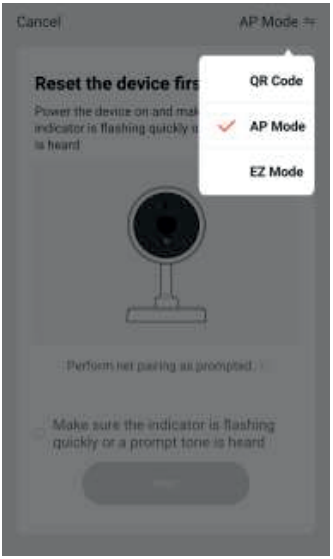


Fig. 20

(7). Select the access point network pairing function (AP Mode) and click on the NEXT STEP, the following screen will be displayed:

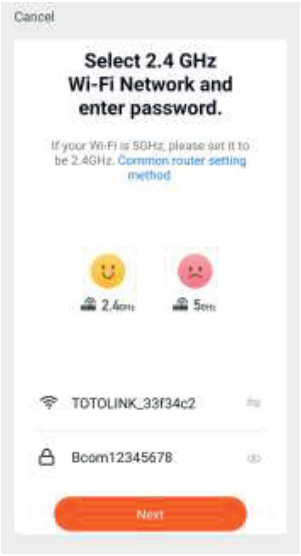


Fig. 21

(8). Enter the name and password for your home Wi-Fi network. Click CONFIRM and the following screen will appear:

Fig. 22

(9). Open the SETTINGS on your smartphone NETWORK & WIRELESS NETWORKS and connect to the to the Smartlife-Doorbell network. Once successfully connected, return to the TUYA SMART app and the following screen will be displayed:

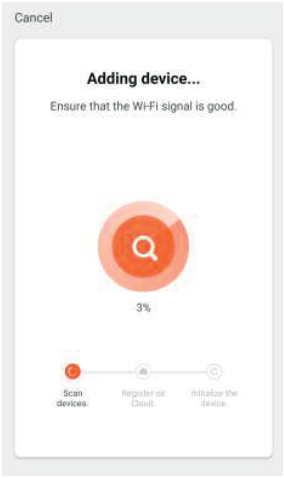


Fig. 23

(10). Wait until the connection reaches 100%.
(11). After successfully connecting to the Wi-Fi network, the indoor monitor will display the Wi-Fi connection symbol and the server symbol in the upper left corner.

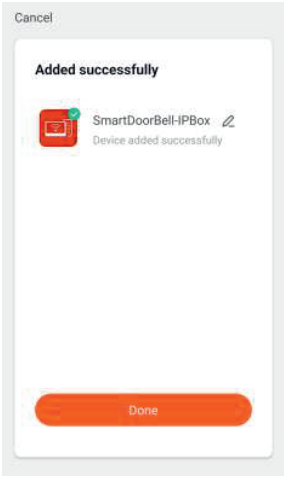


Fig. 24

APP GUIDE

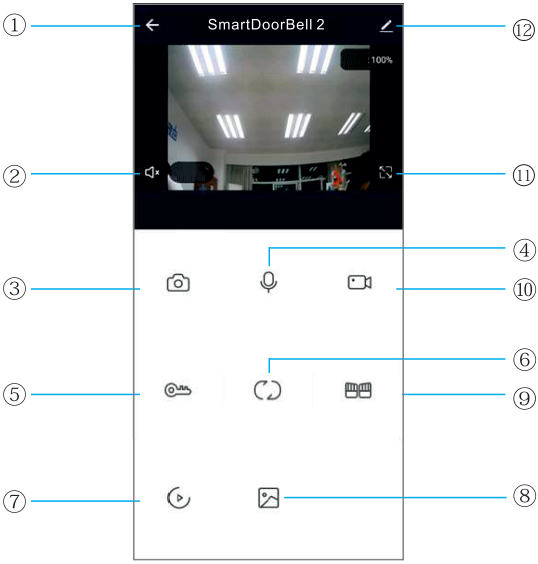


Fig. 25

1) Hang up (back): when the icon is pressed during a call or monitoring, the interface is exited
2) Loudspeaker: when activated, the sound from the external cassette can be heard in the application
3) Snapshot: after pressing the icon during a call or monitoring the picture is saved (in the Android system the pictures are saved in the application, in IOS the pictures are saved in the photo gallery of the phone)
4) Microphone: immediately after receiving a call the microphone is not active in the application. For two-way communication it must be activated. When you activate the microphone, the loudspeaker is also automatically activated.
5) Unlock: Pressing the icon during a call or monitoring opens the electric door strike.
6) Switch camera image: pressing the icon during the call or monitoring switches the image between the channels door1, door2, camera1, camera2.
7) Playback: ensure that a microSD card is installed in the monitor and that the monitor supports playback of recorded video of the call/monitoring.
8) Photo albums: in the Android system photos are saved in the app, in the IOS system photos are saved in the phone's photo gallery.
9) Gate unlock: pressing the icon during a call or monitoring activates the automatic gate control.
10) Video record: pressing the icon during a call or monitoring starts video recording.
11) Full screen: pressing the icon activates full-screen mode
12) Setting

Sharing:

There are two options for sharing your device with other users:
1. Enter the application - Device list - tap on the device to share - switch on the monitoring mode and press the settings icon in the upper right corner - Shared devices - Add share - enter the region/account - Finish (note: the user does not receive permission to open the electric door strike and the gate, only the Administrator has these rights)
2. Go into the app - Device list - Me - Home Management - Add family - Enter family name - Save - Add members - enter account/region name and save.

IMPORTANT:
1. All members assigned to the device can receive notification of the visit and receive the call.
2. The administrator can add and remove all members from the application - go to application - Me - Home management - Remove member

Notes:
(1) The first time after a correct connection, the device may not work properly in monitoring mode. In this situation, it is best to use the external cassette and call the internal monitor so that the server can send a signal to the external cassette.
(2) For IOS phones, it may happen that the Wi-Fi network connects automatically, leading to a connection error. In this situation, delete any previously entered home Wi-Fi networks.

5. Digital photo frame
From the main menu, move the cursor to DIGITAL FRAME, then press "⚙", to enter the menu for this parameter (function available for models with SD card).
Note: if the frame function is active, the motion detection function is deactivated

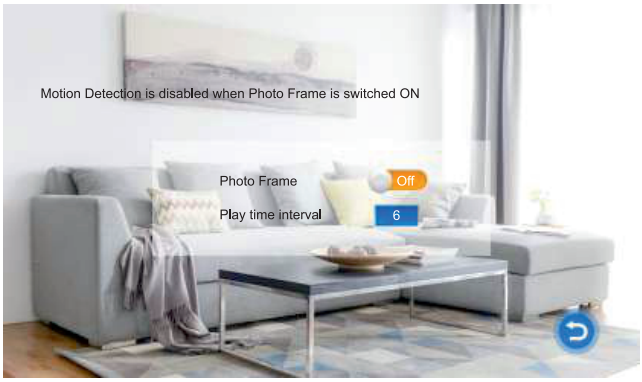


Fig. 26

[Photo frame]: This option allows you to activate or deactivate the digital frame function.
[Play time interval]: Picture display time. Selectable: 01-10 sec. Default setting is 6 sec.

Notes:
1. Create a folder called "Photo" on the microSD card (note: it is case sensitive).
2. Files must comply with the following specification requirements:
max. resolution_width/height = 1920/1080; max. file size .jpeg = 3MB.

6. Mode setting
In the main menu, move the cursor to MODE, then press "⚙"

Fig. 27

[Set machine ID]: The option contains the following settings: 01,02,03,04,05,06. 01 means that the indoor unit is the main unit, "02-06" means the number of the secondary monitor.
[Door2 status]: DOOR2 preview on or off.
[Door1 unlock time]: from 02 to 10 seconds.
[Door2 unlock time]: from 02 to 10 seconds.
[Record mode]: option includes: video and photo recording. Video means that when an external person presses the call button, the monitor with SD card will automatically start recording until the call is ended or until the user stops it manually. Photo means that when an external person presses the call button, the monitor with SD card will automatically capture an image from an external camera. The user can manually press "⚙" to take another picture.
[Motion detection]: option includes DOOR1, DOOR2, CAMERA1, CAMERA2 and OFF.
[Message]: turn messages on or off.
[Exit]: Exit the current menu.

7. Alarm setting
In the main menu, move the cursor to ALARM, then press "⚙", to enter the options for this parameter.

Fig. 28

[Alarm record]: The option includes VIDEO and PHOTO. Video mode means that when an alarm is activated, the corresponding channel will turn on and start recording. Photo mode means that when an alarm is activated, the corresponding channel will switch on and take a photo.
Note: alarm recording applies only to Camera 1 and Camera 2 - alarm duration is 2 min.
[CAM1 sensor type] : CAM1 channel corresponds to the I/0 status (see instructions on subsequent statuses) which means that when the alarm is activated, the corresponding channel will be switched on to start recording or taking photos.
[CAM2 sensor type] : CAM2 channel corresponds to the I/0 status (see instructions on subsequent statuses) which means that when the alarm is activated, the corresponding channel will be switched on to start recording or taking photos.
Status types I/0:
NO: "Normally open" means that in normal operation, the sensor is maintained in a continuous low voltage state. If the output voltage changes from low to high, the alarm will sound.
NC: "Normally closed" means that in normal operation, the sensor is maintained in a continuous high voltage state. If the output voltage changes from high to low, the alarm will sound.
Off: if you are not using an external sensor with alarm, set I/0 to "off".
[CAM1]: Enables or disables camera view 1.
[CAM2]: Enables or disables camera view 2.
[CAM1 ring time]: The alarm activation time for camera 1 can be set from 0 to 20 seconds.
[CAM2 ring time]: The alarm activation time for camera 2 can be set from 0 to 20 seconds.
[Exit]: Back to previous menu.

8. Media
In the main menu, move the cursor to MEDIA, then press "⚙". This option includes: music, photos and file management.
Recommendation: turn off the monitor power before inserting or removing a microSD card.

Fig. 29

8.1 Music

In the media menu, press ‹·· or ··›, to move the cursor to MUSIC. After entering a playlist, press "⚙", to automatically play the first song in the list. Use button ‹·· to move the cursor down; button ··› to move the cursor upwards. To play a song or pause, press "⚙". Press ↩ to return to the previous menu.
While music is playing, press the transfer button to change the playback mode. You can play a specific song, any song, a sequence of songs, a single cycle and play as a loop. Single track playback: when the song ends, the music will stop. Play any track: Any track in the list is played, the music is not stopped. Sequential playback: the device plays all songs in sequence, from top to bottom. When the last song ends, the music turns off. Song cycle playback: plays the same song over and over again, music does not stop. List cycle playback: repeats the songs of the playlist in a set order. When the last song of the playlist is finished, it starts to play the whole list again.

Important:
1. Create a folder in the microSD card (note: the folder is case sensitive). This is the only way saved MP3 files will be found and played.
2. If the call button on the external cassette is activated during music playback, the music playback is interrupted and the monitor switches to the external cassette view.

Fig. 30

8.2 Photo

From the MEDIA menu, press the Up or Down button to move the cursor to PHOTOS. Press the button "⚙", to open the image list. Use the buttons ‹·· and ··› to move the cursor. Select the photo you want to play and confirm your selection by pressing the Setup button once.

Important:
Photos must be stored in a folder \USER\Photo
1. Create folder \USER\Photo on microSD card (note: letters are case-sensitive).
2. Files need to meet the following specification requirements:
max. resolution_width/height = 1920/1080; max. file size .jpeg = 3MB

Fig. 31

8.3 File
Go to file management. The two folders DCIM and USER will be displayed.

[Delete file]: Press ‹·· or ··› to select a specific file to delete. Press and hold "⚙", the system will ask whether to "delete the file"?
[DCIM]: The DCIM file is built into the system at the factory and is used to store saved files.
Inside, there are two other folders PHOTO and VIDEO. The PHOTO folder stores automatically and manually created images. The VIDEO folder stores videos created automatically or manually.
[USER]: This folder contains other folders: Music, Photo, Ring, Update.
MP3 music files are stored in the Music folder.
JPG files are stored in the Photo folder for display by the digital frame function.
Your ringtones are stored in the Ring folder.
System update files are stored in the Update folder.
[Update]: Move the FW update file (xxx.dd) to the FW update folder \USER\Update, save the update file as "xxx.dd", press the settings button, the system will display UPDATE, select YES and wait for the update to complete.
[MCU update]: Copy the MCU file (xxx.bin) to the \USER\Update, select the MCU file (xxx.bin) and confirm the update (yes/no).
Note: During the system update, you must not remove the SD card from the unit or disconnect the power.
After the update is complete, the device will reboot automatically.

Fig. 32

9. Recording centre
In the main menu, move the cursor to RECORDING CENTRE and press "⚙". This option includes register-video, register-photo and return (for models with SD card).

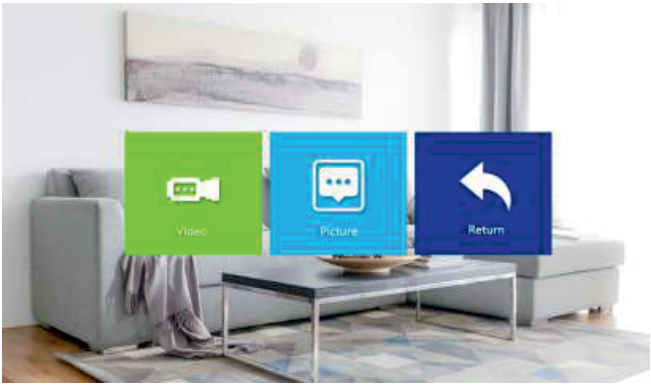


Fig. 33

Important:
To delete video or photo files from the Recording Centre, delete them from the DCIM folder on the microSD card.

9.1 Video
From the RECORDING CENTRE menu, press the ‹·· or ··›, to move the cursor to Video Recording. Press button "⚙" to display a list of available files. Next press ‹·· or ··›, to move the cursor and select a file to play. Black list background confirms selection of a list. Press the button 📞 to play. During playback, you can exit the current menu by pressing the "⚙".

Note: The video record folder contains only files with recordings made by the external camera.

Fig. 34

9.2 Picture
From the RECORDING CENTRE menu, press the ‹·· or ··› , to move the cursor to the Record-photo option. Press the button "⚙" to display a list of available files. Next press ‹·· or ··› , to move the cursor and select a file to play. Black list background confirms selection of a list. Press button 📞 to play. During playback, you can exit the current menu by pressing ⚙ .

Fig. 35

Note: The pictures folder contains only files with recordings made by the external camera.

The PHOTO or VIDEO file is stored in the DCIM folder, automatically generated by the system.

10. Color parameter setting
In monitoring, call, intercom and alarm mode, pressing the transfer button will activate the possibility of adjusting colour parameters: volume, brightness, contrast, saturation. There are also options: refresh and return.

Note: the 'volume' parameter refers to the volume during the call.
[Bright]: The value can be set from 0 to 50, the factory setting is 25.
[Contrast]: The value can be set from 0 to 50, the factory setting is 25.
[Saturation]: The value can be set from 0 to 50, the factory setting is 25.
[Volume]: Set the desired call volume on the internal monitor.
[Refresh]: in case the monitor has recorded the wrong video format for the external cassette or CCTV, the image will not be displayed. Press "R" (refresh) to change the video format to match the external cassette or CCTV.

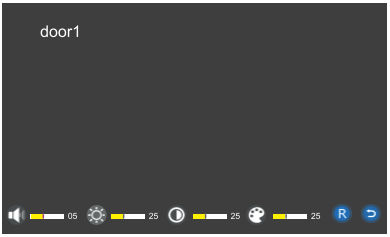


Fig. 36

ALARM INSTRUCTION

The terminal and the GND contact are shorted, the alarm is activated, an audible signal is emitted from the internal monitor speaker, which lasts 120 seconds. To turn off the alarm and return to standby mode, while the alarm is in progress, press . For models with an SD card, when the alarm is triggered, the device automatically starts recording in video or photo mode (depending on the settings). The recording time is 120 seconds. To turn off the alarm and return to standby mode, press .

Connection diagram:

1. The scheme is used for alarms with 2 NC or 2 NO contacts. 2 camera channels - no restrictions on the type of alarm contacts (can be NC or NO).
2. The ALM contact of the alarm sensor is connected in parallel with the ALM contact (the alarm sensor requires an additional external power supply).
3. The GND contact of the sensor is connected in parallel with the GND contact of the camera.
4. For NO input, when GND and ALM are connected, the alarm will sound.
5. In the case of NC input, when GND and ALM are not connected, the alarm will sound.
6. This applies to any type of sensor.

INDOOR MONITOR INSTALLATION

Important:

· The unit should not be installed near other equipment that may be a source of strong radiation (TV, DVR, etc.).
· It is forbidden to disassemble the device by yourself, as this poses a risk of electric shock.
· Do not drop, shake or hit the unit as this may damage its internal components.
· Choose the best vertical mounting height; the recommended height is 150cm.
· The power must be switched off before installation.
· To avoid potential interference, the installation site must be at least 30 cm away from AC driven devices.
· Avoid contact with water, magnetic fields and chemicals.

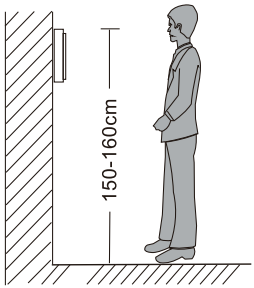


Fig. 37

Mounting instructions for indoor monitor

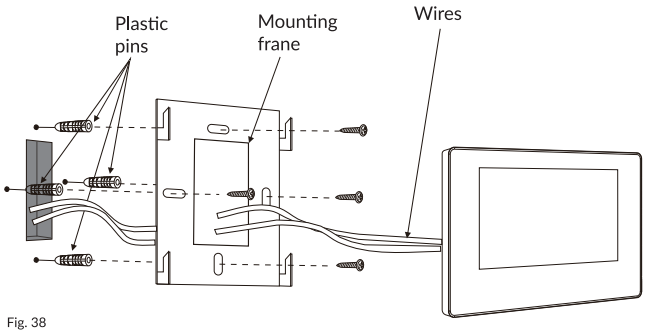
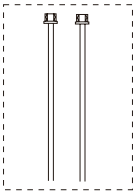


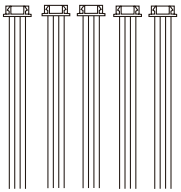
Fig. 38

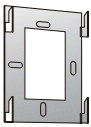
MAINTENANCE

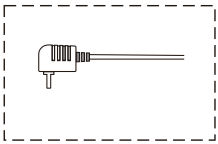
All maintenance operations should be carried out after disconnecting the power supply unit from the mains. The power supply unit does not require any special maintenance, however, in the case of considerable dust, vacuuming with compressed air is recommended.

ACCESSORIES (included)









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