

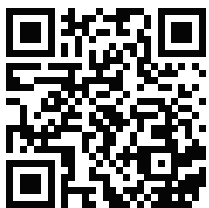
Design. Uniqueness. Innovations

Design. Uniqueness. Innovations

Imani

7" IP video intercom

Technical support



Thank you for
choosing our equipment

User manual

SLINEX

SLINEX

Attention!



As a result of continuous upgrades and functionality improvements, technical characteristics of the device can be changed without any preliminary declaration. This manual can contain some inaccuracy or misprint. The owner reserves the right to make corrections to the information described in the user manual and device package. The last revision of this manual is available on www.slinex.com

Safety instructions

- Read and keep that manual.
- The device installation process should be carried out by the qualified specialists.
- Use the device from -10 °C to +55 °C, always keep it within that temperature range.
- Installation surface should be free from vibration and impact influence.
- Keep this device far from open sources of heat, such as radiators, heaters, and ovens.
- The device can be installed near other electronic equipment in case if the temperature of the environment does not exceed previously mentioned range.
- The device should be protected from the direct influence of the natural phenomena, such as direct sunlight, rain or snow.
- Don't use aggressive or abradant detergent for the device surface cleaning.
- Use soft wet cloth or tissue to remove strong dirt.
- Don't overpower outlets. It can cause fire or electric shock.

Nature protection



Don't throw away the device with other industrial or nutritive trash if you see that symbol. Some regions have separation and recycling systems for the electronic equipment. Connect with local authorities to receive information about recycling of electronic equipment for your region.

Rights and limitation of liability

- All rights reserved. Any part of that document can not be published in any form, translated into other languages or reproduced in any way including electronic or mechanical.
- Document recording and copying is strictly denied without owner permission.

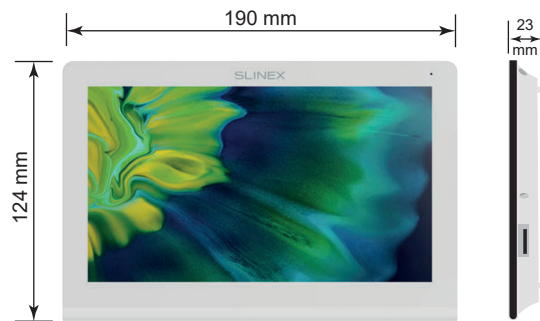
Table of contents

- 1. Package 3
- 2. Specification 3
- 3. Description 4
- 4. Schematic diagrams 4
- 5. Incoming calls 6
- 6. Main menu 6
- 7. Screen saver 7
- 8. Intercom 8
 - 8.1. External call 8
 - 8.2. Internal call 8
- 9. Monitoring setup 9
- 10. IP cameras adding 9
- 11. Wi-Fi network connection 10
- 12. Smart call mobile application 10
 - 12.1. New account registering 11
 - 12.2. Device adding 12
 - 12.3. Operation 13
 - 12.4. Sharing access with another smartphones 14
 - 12.5. Notification messages 15
- 13. User settings 16
 - 13.1. System info 16
 - 13.2. Time & date 16
 - 13.3. User settings 17
- 14. System settings 18
 - 14.1. Admin password 19
 - 14.2. Advanced settings 19
 - 14.3. Device type setting 20
 - 14.4. Door settings 21
- 15. Records playback 24
- 16. Limited Warranty 25

1. Package

Imani indoor monitor – 1 pc.
Wall mounting bracket – 1 pc.
Connection wires – 1 pkg.
Mounting screws and anchors – 1 pkg.
User manual – 1 pc.

2. Specification



SCREEN
7", color IPS

STANDBY MODE POWER CONSUMPTION
3 W

RESOLUTION
1024×600 px.

WORKING MODE POWER CONSUMPTION
5 W

VIDEO SYSTEM
Digital IP, 2 Mp.

POWER SUPPLY
PoE or external power supply, 12 V, 1 A

AUDIO TYPE
Half duplex

MOUNTING TYPE
Surface mount

MEMORY
MicroSD card, up to 256 GB
Internal memory, up to 100 snapshots

DIMENSIONS
190×124×23 mm

WORKING TEMPERATURE
-10 ... +55 °C

3. Description



- 1 Speaker (on the rear panel of the monitor);
- 2 Display;
- 3 Microphone;
- 4 MicroSD card slot.

4. Schematic diagrams

Diagram 1. IP video intercom system topology.

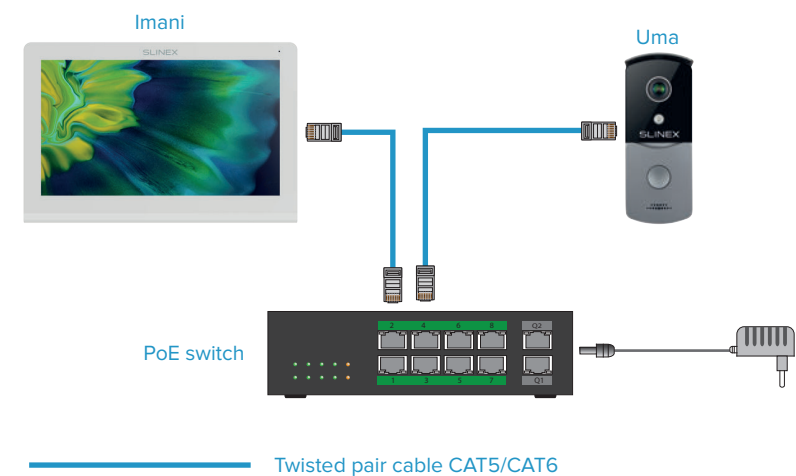


Diagram 2. Locks and external power supply connection.

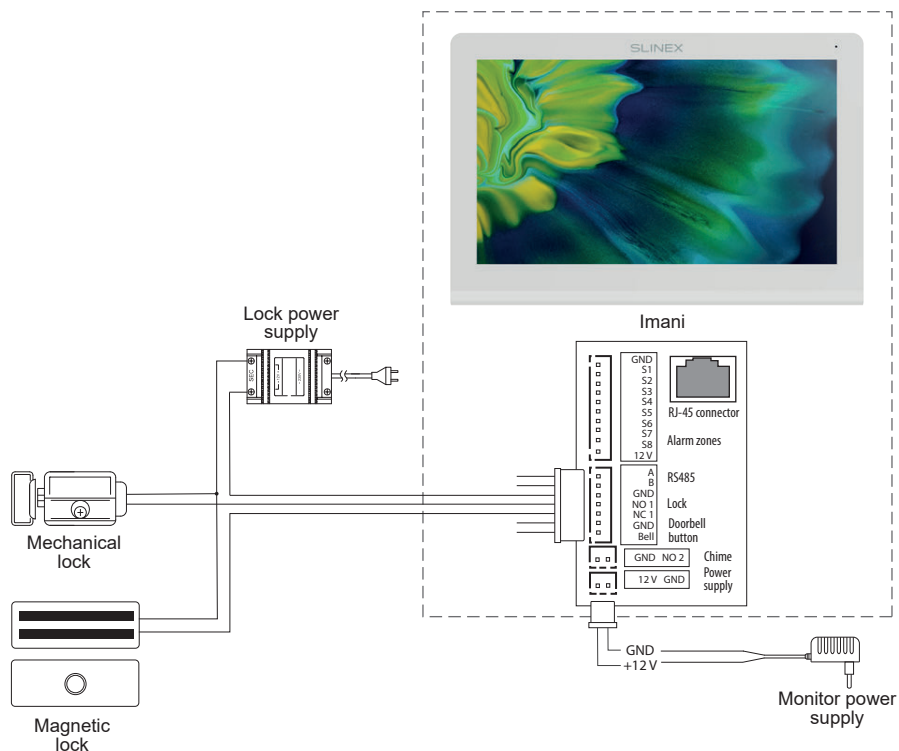
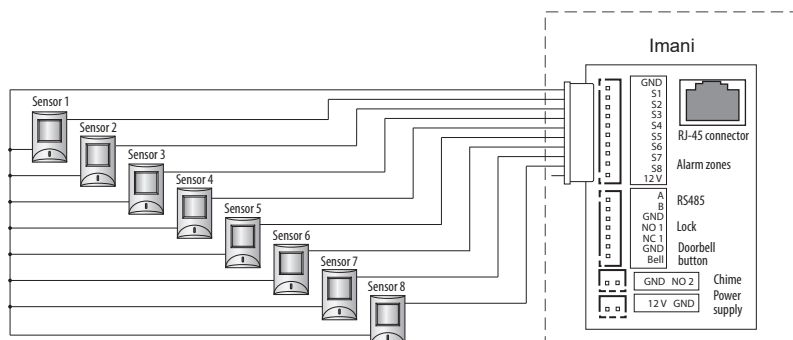
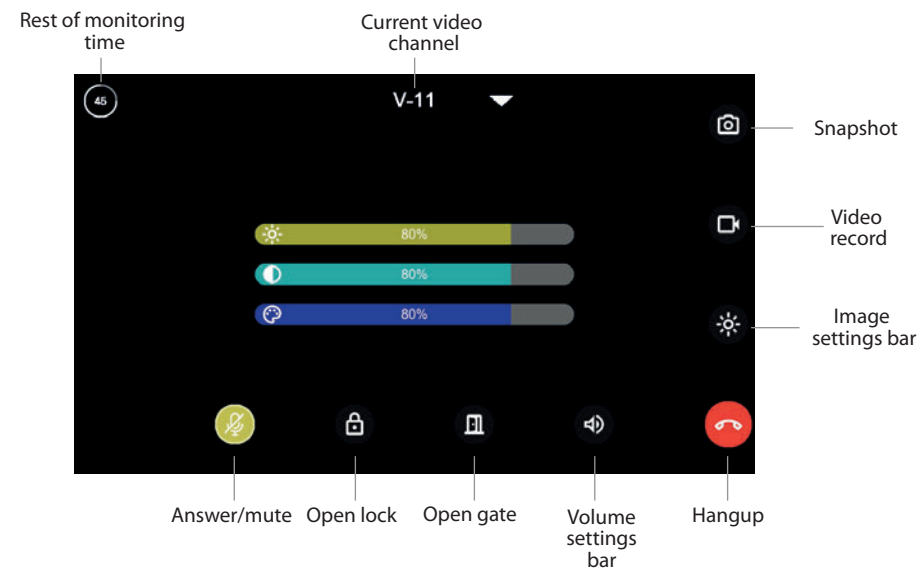


Diagram 3. Alarm sensors connection.



5. Incoming calls.

In standby mode press "Call" button on the outdoor panel. You will see the image from the outdoor panel and following menu:



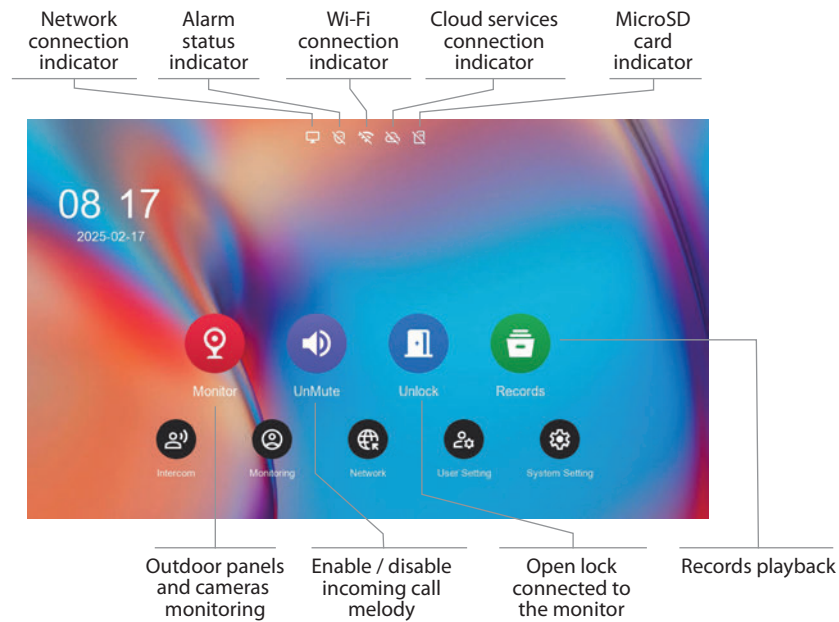
6. Main menu.

In standby mode press any point of the the screen to enter main menu. Touch any icon to enter corresponding menu. Touch icon in upper right corner of the screen to exit from the current menu. Main menu is active during 60 seconds. Then monitor goes into standby mode or screensaver (if it is enabled in the monitor settings).

All settings saved automatically after its editing.

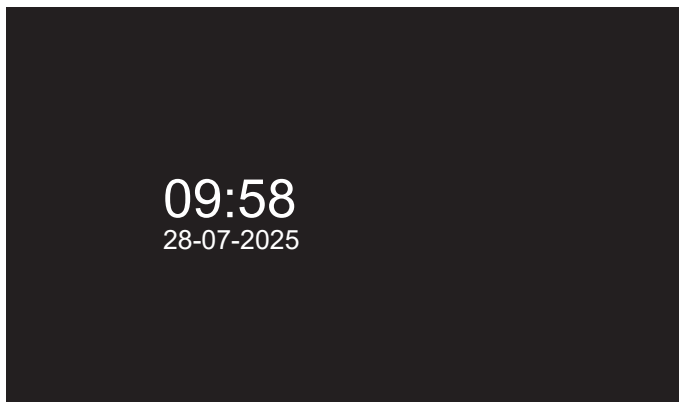
There are 5 icons of the menu on the bottom of the main screen:

- Intercom** – intercom call to any room of the system;
- Monitoring** – outdoor panel or IP camera image monitoring settings;
- Network** – connect the monitor to the Wi-Fi network to add it to the mobile application;
- User settings** – date/time, sound, wallpaper, language and other user settings;
- System settings** – admin password, system update/reset, mode and door panel settings.



7. Screensaver

In standby mode touch the screen to enter main menu, press «User settings» icon then press the bottom icon on the left panel to enter «User settings» sub menu. Set screen saver «Time» to enable following menu (monitor will display it every time before going into standby mode in specified time interval):



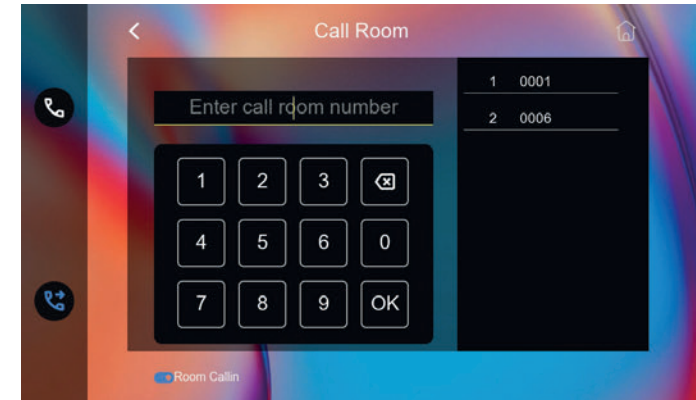
Weather information is available on the screen saver only when the monitor is already connected to the mobile application.

8. Intercom

In standby mode touch the screen to enter main menu and press «Intercom» icon to enter intercom menu.

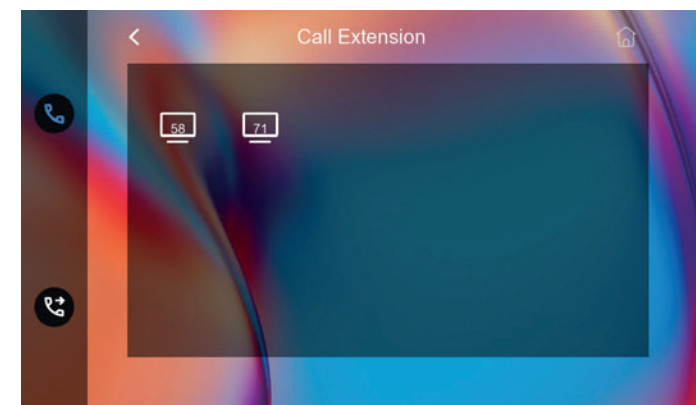
8.1. External call

1. Enter device's address or choose device from the list on the right;
2. Press «OK» button to start call.



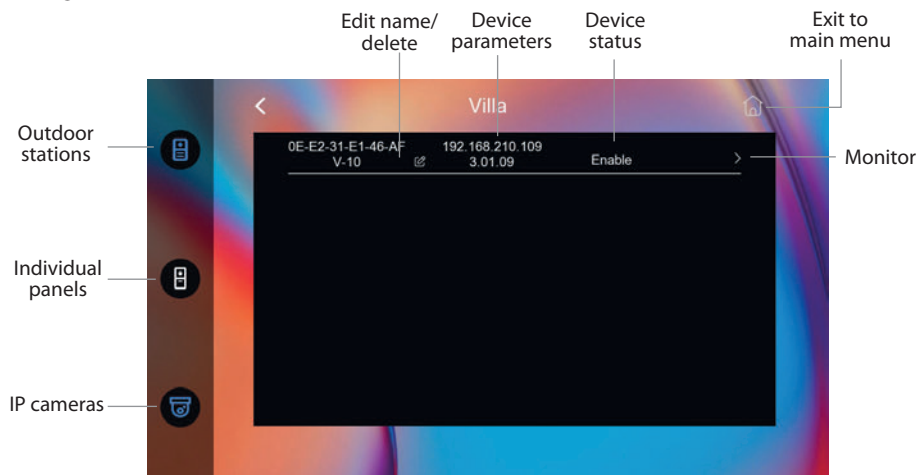
8.2. Internal call

1. Choose bottom icon on the left panel of «Intercom» menu;
2. Press any active device button to initiate the call.



9. Monitoring setup

In standby mode touch the screen to enter main menu and press «Monitoring» icon to enter monitoring setup menu. There are three bookmarks on the left panel: outdoor stations, individual panels and IP cameras. There is an IP address of each device in the list, software version and current device status. Press on device's name to edit it or delete device from the list. Press on device's IP address to edit its parameters, such as unlock time, incoming call melody volume, talking volume and motion detection sensitivity. All devices statuses are enabled by default. Press on device's status to exclude it from the monitoring list.



10. IP cameras adding

In standby mode touch the screen to enter main menu and press «Monitoring» icon to enter monitoring setup menu. Choose bottom icon on the left panel to enter IP cameras list. IP camera must have the same segment network IP address with the monitor to be visible in the list. Press on any IP camera in the list to display its settings.

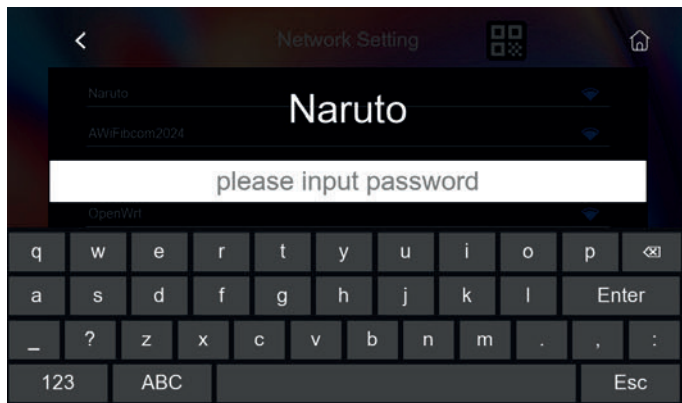
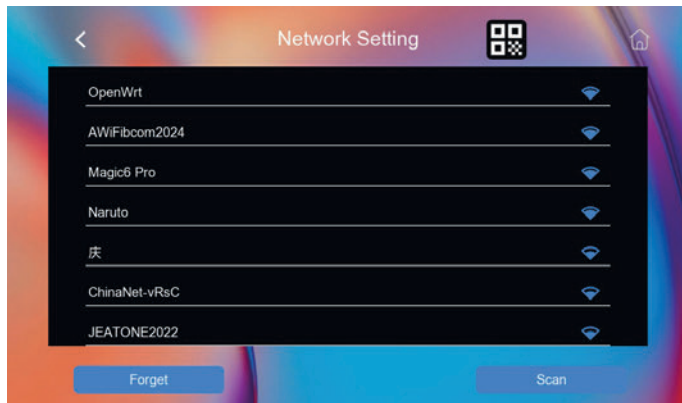
1. Turn on an IP camera by changing its status to «Enable»;
2. Enter user name and password in the corresponding fields;
3. Press «Auth» button to connect an IP camera.



11. Wi-Fi network connection

In standby mode touch the screen to enter main menu and press «Network» icon to enter Wi-Fi network connection menu. Press «Scan» button on the right bottom corner of the screen to display available Wi-Fi networks. Press the network name to connect to, enter network password and press «Enter» button. Monitor will be connected to the Wi-Fi network.

Press «QR code» icon on the right of «Network setting» sign to display QR code for further connection to the Slinex Smart Call application.

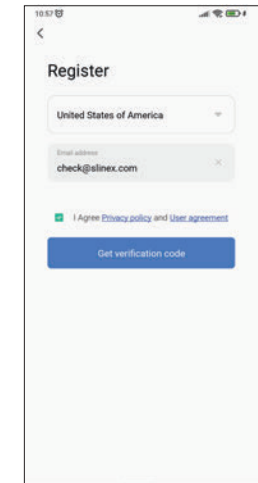
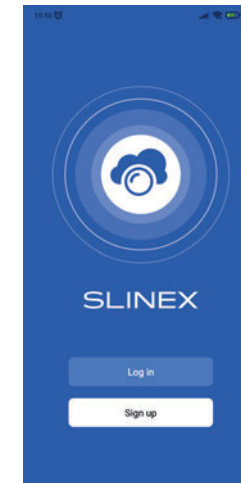
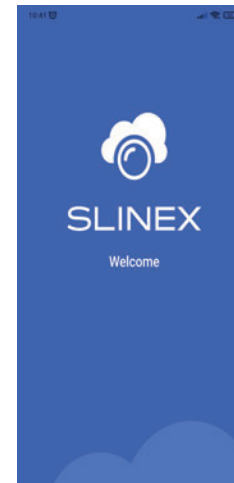


12. Smart Call mobile application

Enter «Google Play» (for Android) or «Apple App Store» (for iOS) and search for «Smart Call» application, then install this application on your mobile device.

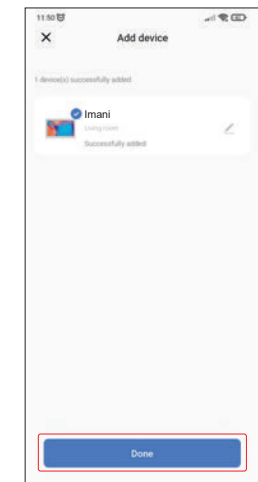
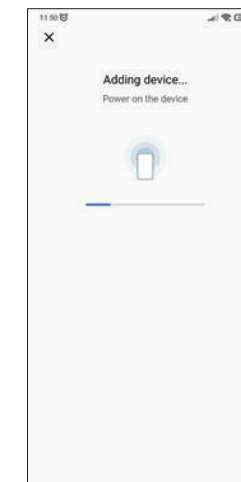
12.1. New account registering

- 1) Start «Smart Call» application on your mobile device and press «Sign up» button to create an account;
- 2) Choose destination country and enter your Email, then press «Get verification code» button to receive an Email with verification code;
- 3) Check the Email, specified on the previous step;
- 4) Enter 6-digit code from the letter to activate your account. Set your password and press «Finish» to finalize account creation process. Use your Email as a login.

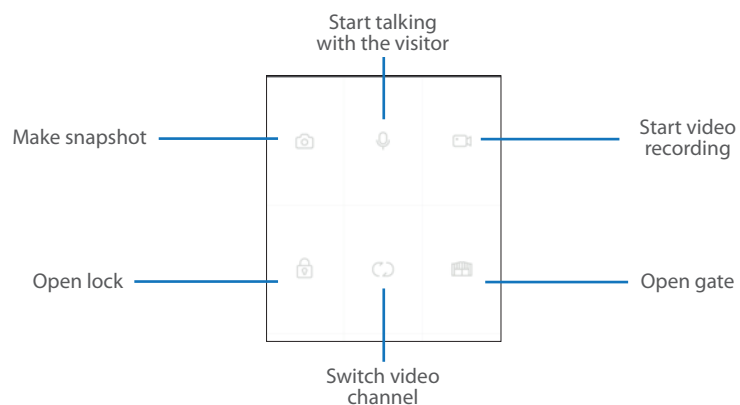
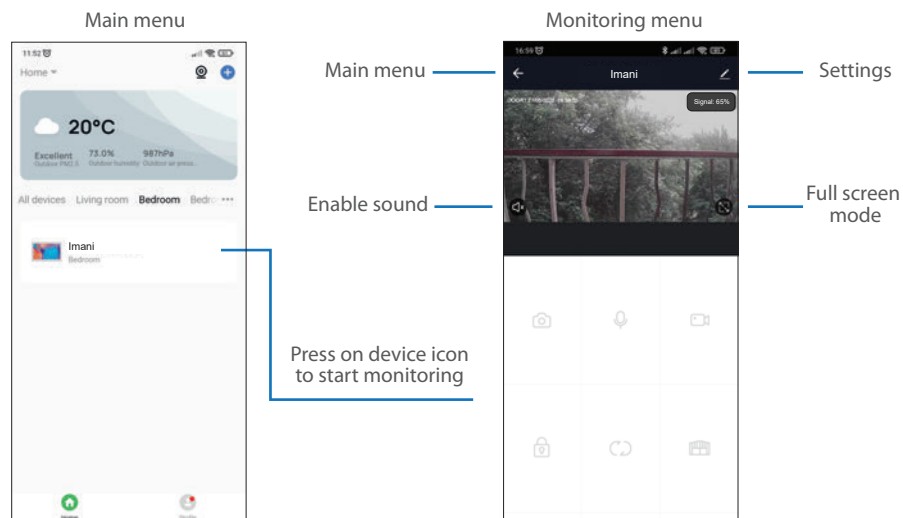


12.2. Device adding

- 1) Connect the monitor to the Wi-Fi network in a way it is described in paragraph 10 of this manual;
- 2) Connect smartphone into the same local network;
- 3) Press «+» button on the right upper corner of the smartphone screen and choose «Scan QR code» option;
- 4) Scan QR code from the monitor «Network» → «QR code» menu using smartphone camera;
- 5) After QR code scanning monitor will be added to the current user in the Smart Call application. Press «Done» button to finalize adding process.



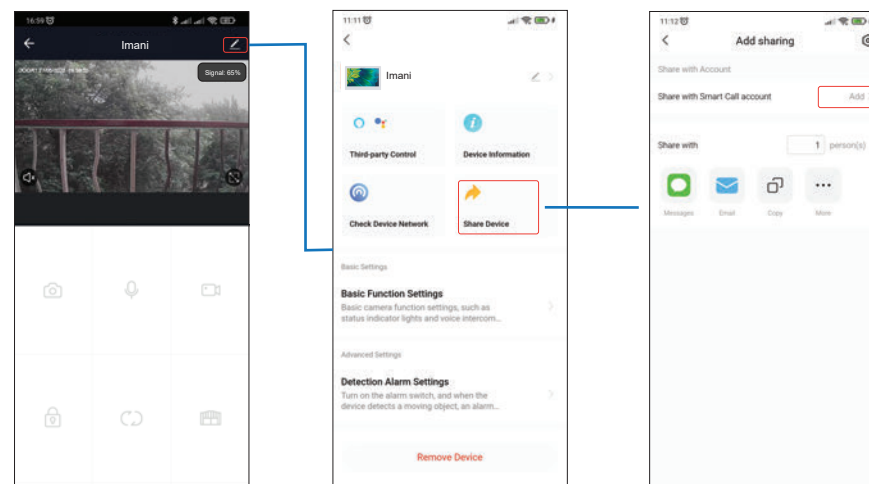
12.3. Operation



12.4. Sharing access with another smartphones

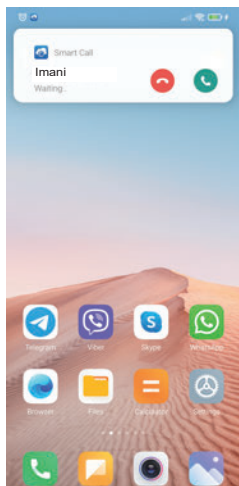
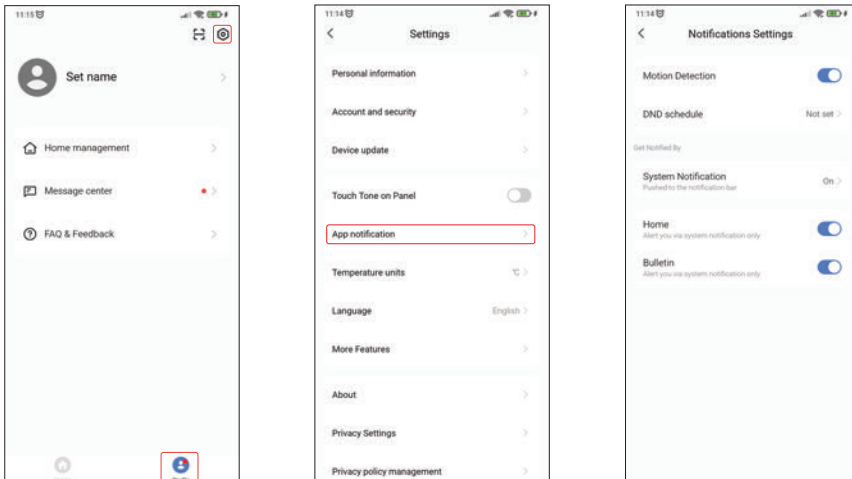
The account, device is added for the first time, is master account. This account has master permissions and can change all the settings. If several smartphones are going to be used with the same device then personal account must be created on every smartphone. Here are the steps to add the same device on several smartphones:

- 1) Create an account on the first smartphone application and add your device. Account on this smartphone will be the master account for this device;
- 2) Install «Smart Call» application on every smartphone that is going to be used and create its own account in every application. Every smartphone must use it's own account in the application;
- 3) Using master account enter device monitoring screen, press  icon on the right upper corner of the screen enter «Share Device» menu and press «Add» button. Enter account name that is used on the shared device and press «Done» button on the right upper corner of the screen. Shared account will be added to the sharing list. It means that the user on the shared smartphone now have an access to this device;
- 4) Using the same steps add all other mobile devices into the sharing list.

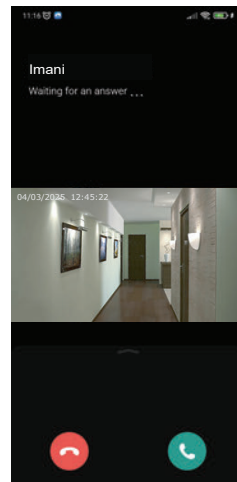


12.5. Notification messages

Press «Profile» bookmark on the bottom of the main screen, then press  icon on the right upper corner of the screen and enter «App notification» menu. Here you can enable or disable notification messages from the application.



Press «Accept» button to start conversation with the visitor or «Decline» to hang up incoming call.



13. User settings

There are three sub menu icons on the left panel of the user settings menu:

System info – main information about system, IP, MAC, MicroSD card parameters, etc.;

Time & date – current date & time setting;

User settings – screen settings, wallpaper, melody, language, etc.

13.1. System info

In standby mode touch the screen to enter main menu and press «User settings» icon to enter user settings menu.

Main menu → User settings → System info

Extension code – device logic address;

Soft – software version of the monitor;

Device type – IP address receiving mode;

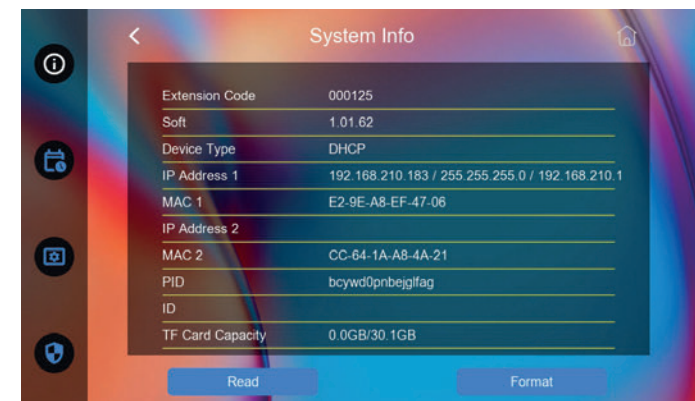
IP address – monitor IP address;

MAC – monitor MAC address;

PID – unique identification number of the monitor;

ID – cloud identification number;

TF card capacity – micro SD card capacity, free/available.



13.2. Time & date

In standby mode touch the screen to enter main menu and press «User settings» icon to enter user settings menu. Press second icon from the top on the left panel to go to the date and time settings.

Main menu → User settings → Time & date

Auto sync network time – enable/disable automatic date & time synchronization;

UTC – local time setting;

Date format – date display format: DD-MM-YYYY, MM-DD-YYYY or YYYY-MM-DD;

Set current date and time and press «Save» button.



13.3. User settings

In standby mode touch the screen to enter main menu and press «User settings» icon to enter user settings menu. Press third icon from the top on the left panel to go to the user settings.

Main menu → User settings → User settings

Name – name of the monitor in the system;

Brightness – image brightness setup;

Wallpaper – main menu wallpaper setup;

Delay – time intervals setup on different events;

Ring – incoming call melody ringing time;

Talk – talking time with the visitor;

Screen saver – main menu display time;

Unlock – internal relay unlocking time;

Chime – chime ringing time;

Call recording – incoming call recording time;

Sound setting – melodies and events volume and ringtones;

Talking volume – talking volume level;

Key volume – touch screen volume;

Ring volume – incoming call ring volume;

Outdoor ringtone – outdoor panel ringing melody;

Indoor ringtone – indoor monitor ringing melody;

Ringbell ringtone – internal ring melody;

Callout ringtone – intercom ringing melody;

Night mode – night mode time interval and parameters settings;

Other setting – message, weather and elevator function settings;

Leave message – enable/disable automatic answering function;

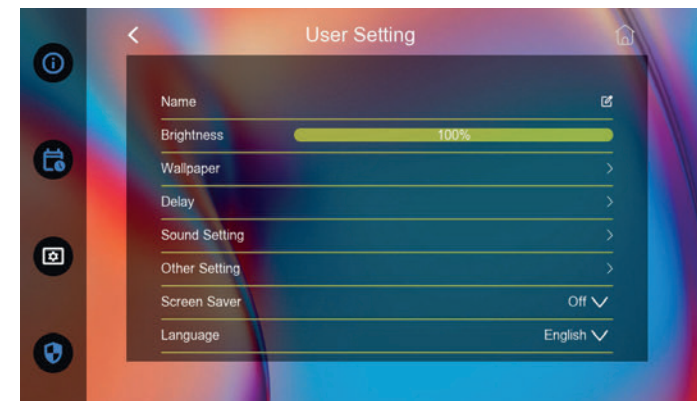
Mobile detection preview – enable/disable preview while mobile detection;

Weather – enable/disable weather preview icon on the screen saver;

Call elevator – enable/disable elevator call function;

Screen saver – enable/disable screen saver or photo frame function;

Language – monitor menu language setting.



14. System settings

In standby mode touch the screen to enter main menu and press «System settings» icon to enter system settings menu. Default password to enter system settings is: 666666. There are four icons on the left panel of the system settings:

Admin password – change current administrator password with the new one;

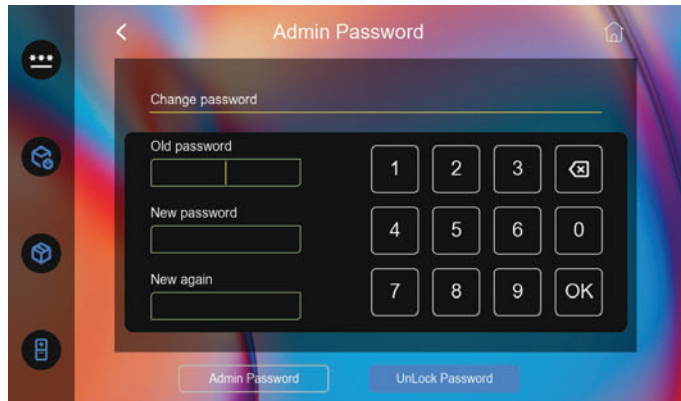
Advanced settings – unbind monitor from mobile application, reboot, reset or update monitor software;

Device type setting – set multiapartment «Building» or individual «Villa» mode;

Door setting – wireless access cards adding, panel binding with the monitor, individual outdoor panel settings.

14.1. Admin password

Enter an old password then enter new password twice in the corresponding fields and press «OK» button to save the changes.



14.2. Advanced settings

Press «Advanced settings» icon on the left panel of system settings menu (second from the top).

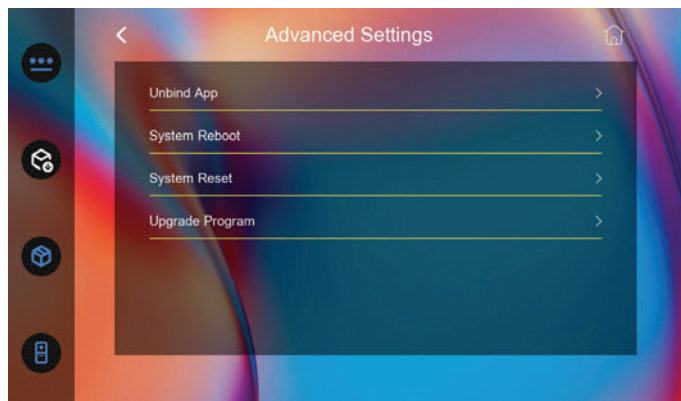
Main menu → System settings → Advanced settings

Unbind App – unbind the monitor from the Smart Call application;

System reboot – reboot the monitor;

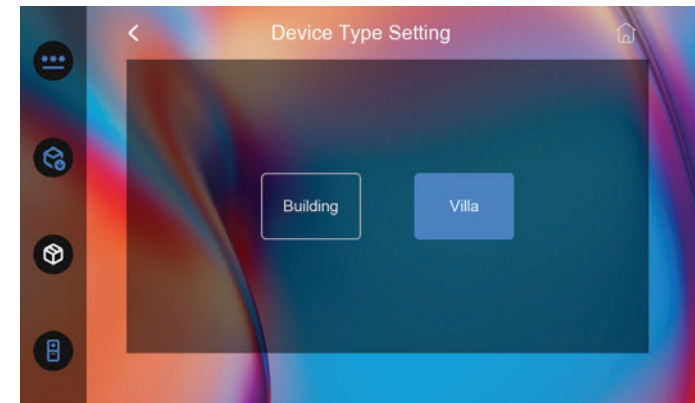
System reset – restore factory default settings;

Upgrade program – copy «image.dd» update file into the root folder of the microSD card. Install microSD card into the monitor's slot and enter this menu. Wait for the update process finish and automatic reboot.



14.3. Device type setting

Press «Device type setting» icon on the left panel of system settings menu (third from the top). Choose IP addressation type (dynamic «DHCP» or manual «NetCfg» configuration) then choose system type («Building» for the multiapartment system or «Villa» for individual intercom system).



Main menu → System settings → Device type setting → DHCP → Building

IP address – monitor IP address in the local network;

Mask – network mask;

Gateway – gateway IP address;

Extension code – device logical address in the system, consists of 2 parts:

4 digits of room number (from 0001 up to 9999);

2 digits of internal index (from 01 up to 99).



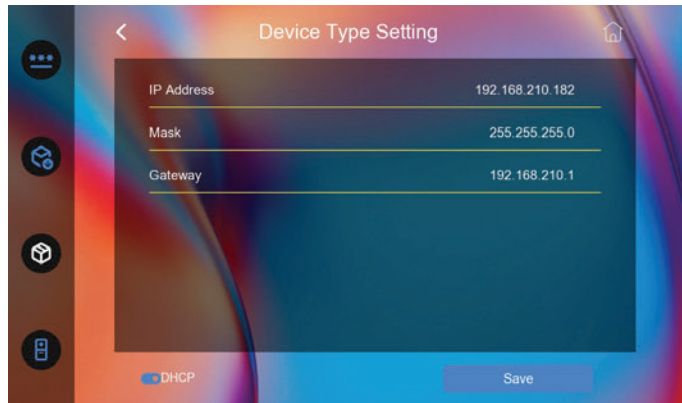
For individual «Villa» type monitor settings are as below:

Main menu → System settings → Device type setting → DHCP → Villa

IP address— monitor IP address in the local network;

Mask – network mask;

Gateway – gateway IP address.



Press «Save» button to save all parameters changes.

14.4. Door settings

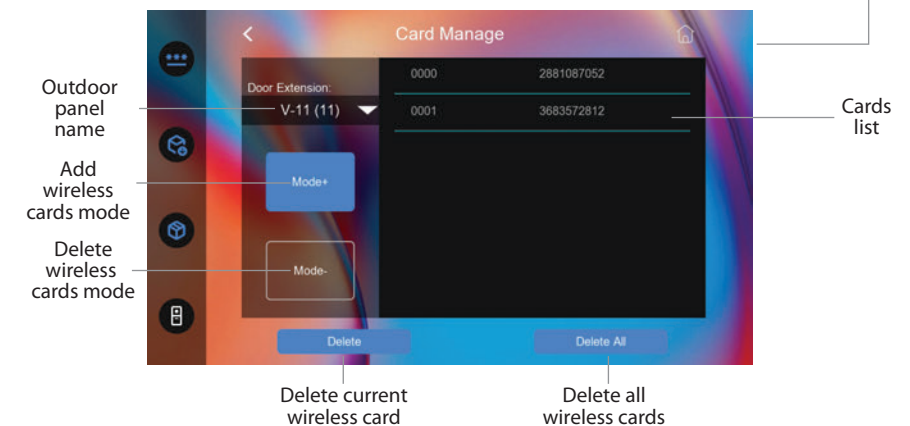
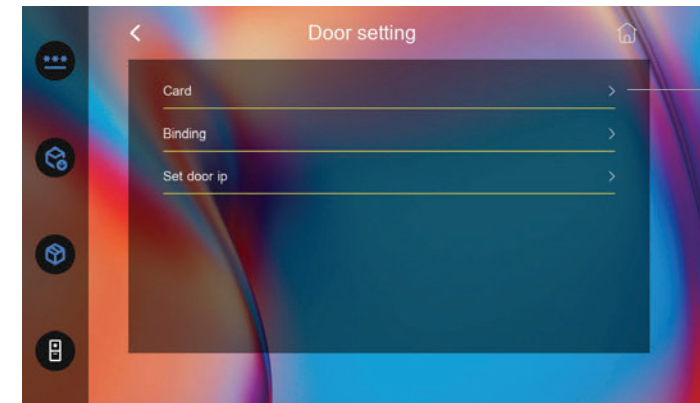
Press «Door settings» icon on the left panel of system settings menu (fourth from the top) then choose «Card» menu to add or delete wireless cards.

Wireless cards adding

Choose panel name for adding new wireless cards on the top left part of the «Card manage» menu. Panel list is available by pressing of white triangle. Press «Mode +» button to enter adding wireless cards mode. Outdoor panel will beep three times in a row and starts blinking with the white backlight. Touch the cardreader with new cards one by one. Double beep means that the card was added successfully. Press «Mode +» button to exit from cards adding mode or wait for 30 seconds to exit automatically. You will hear one beep from the outdoor panel indicating exit from the cards adding mode. All the wireless cards are displayed in the list on the right side.

Wireless cards deleting

Choose panel name for deleting wireless cards on the top left part of the «Card manage» menu. Panel list is available by pressing of white triangle. Press «Mode-» button to enter deleting wireless cards mode. Outdoor panel will beep three times in a row and starts blinking with the white backlight. Touch the cardreader with the cards that you want to delete. Double beep means that the card was deleted successfully. Press «Mode -» button to exit from cards deleting mode or wait for 30 seconds to exit automatically. You will hear one beep from the outdoor panel indicating exit from the cards deleting mode. Also there is a possibility to delete cards directly from the cards list: choose the card in the list on the right side and press «Delete» button on the bottom of the «Card manage» menu. Outdoor panel will make one beep on deleting the card. Press «Delete all» button on the bottom of the «Card manage» menu to delete all the wireless cards.



Panel binding

Press «Door settings» icon on the left panel of system settings menu (fourth from the top) then choose «Binding» menu to bind or unbind outdoor panel. Press outdoor panel status «Unbound» in the list to bind it to the current monitor. Press outdoor panel status «Bound» in the list to unbind it from the monitor.



15. Records playback

In standby mode touch the screen to enter main menu and press «Records» icon to enter records playback menu. There are two icons on the left panel of the screen. Top icon is the video playback menu, bottom icon is the photo playback. There is a date search menu on the top left corner of the screen. Press the date if you want to change it. Days that have records are marked with the red circle in the calendar. Choose the record from the list and press its icon to start playback. Also you can switch the pages using «Prev» or «Next» button on the bottom of the screen. Use the «Delete» button to delete current record or «Delete all» button to delete all the records.



16. Limited warranty

Manufacturer guarantees product normal functioning during the warranty period if the user keeps all safety instructions described in that manual.

Warranty period is 12 months from the moment of the product purchasing (warranty period could be extended up to 24 months or more, depending on the local regulations).

Warranty period allows user to make guarantee repair in cases when normal functioning of the product was violated by the fault of manufacturer and the user haven't offend transporting, installation and working conditions.

This limited warranty does not cover any damage to the product that results from improper installation, accident, abuse, misuse, natural disaster, insufficient or excessive electrical supply, abnormal mechanical or environmental conditions, or any unauthorized disassembly, repair or modification.

Warranty void in such cases:

- the product was damaged by the fault of the customer;
- the product wasn't properly installed according recommendations from the manual;
- the sticker on the backside of the product was broken;
- the product was not used for its intended function.

This limited warranty covers only repair, replacement, refund or credit for defective products, as provided above. Manufacturer is not liable for, and does not cover under warranty, any damages or losses of any kind whatsoever resulting from loss of, damage to, or corruption of, content or data or any costs associated with determining the source of system problems or removing, servicing or installing products. This warranty excludes third party software, connected equipment or stored data. Manufacturer is therefore not liable for any losses or damage attributable to third party software, connected equipment or stored data.

In the event a product has been discontinued, manufacturer shall either repair the product, offer to replace it with a comparable product or provide a refund at the lesser of the purchase price or the product's current value.

Repaired or replacement products will continue to be covered by this limited warranty for the remainder of the original warranty term.