



[User manual](#)

Thank you for
choosing our equipment

SLINEX

{ Design. Uniqueness. Innovations }

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 the -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.

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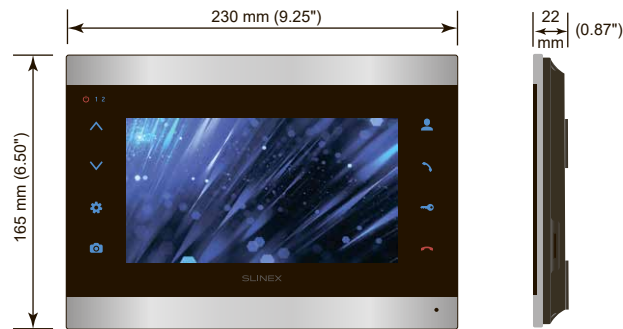
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1. Package

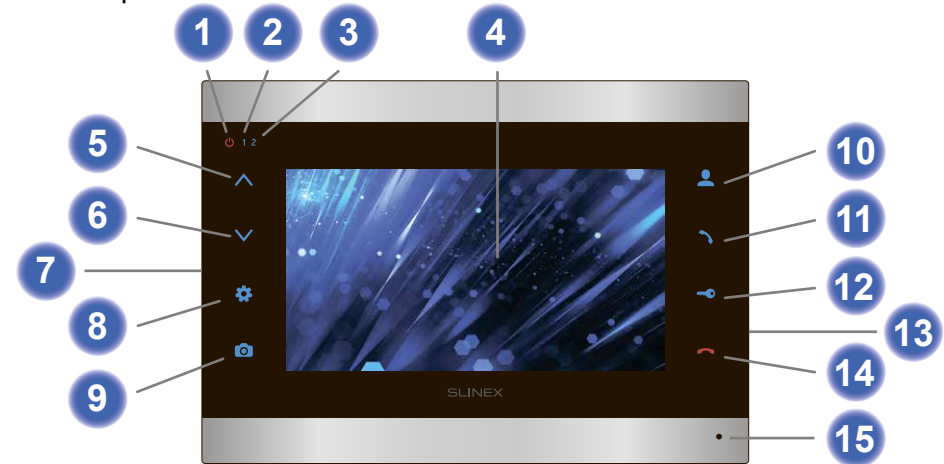
- SL-07IP door monitor – 1 pc.
- Wall mounting bracket – 1 pc.
- Connection wires – 5 pcs.
- Mounting screws and nuts – 1 pkg.
- User manual – 1 pc.

2. Specification



Screen	7", color TFT
Resolution	800x480 pixels
Video system	PAL/NTSC
Audio type	Half duplex
Call time	120 seconds
Internal memory	No
Memory extension slot	microSD, up to 32 Gb
Standby mode power consumption	4 W
Working mode power consumption	8 W
Power supply	Built-in power supply, ~100–240 V
Mounting type	Surface mount
Size	230x165x22 mm (9.25x6.50x0.87")
Working temperature	-10...+55 °C (+14...+131 °F)

3. Description



1	Power LED. Active when power is on.
2	First door panel LED. Active when the first door panel is on.
3	Second door panel LED. Active when the second door panel is on.
4	Display
5	«Up» button – increase talking volume, system settings menu cursor movement, parameter increase inside settings menu
6	«Down» button – decrease talking volume, system settings menu cursor movement, parameter decrease inside settings menu
7	Speaker (on the back side of the monitor)
8	«Settings» button: <ul style="list-style-type: none"> • push this button in standby mode to enter system settings menu; • push this button on chosen parameter inside system settings menu to change its value. Then push it again to confirm the changes; • push this button in monitoring or talking mode to enter brightness, contrast and color settings menu;
9	«Record» button – start/stop manual video recording from the door panel or camera in monitoring or talking mode
10	«Monitor» button – door panel or camera image monitoring
11	«Answer» button – incoming call answer and start talking with the visitor
12	«Unlock» button – door unlocking
13	MicroSD memory card slot (on the side of the monitor)
14	«Hang Up» – stop conversation with the visitor / current system settings menu exit
15	Microphone

4. Installation

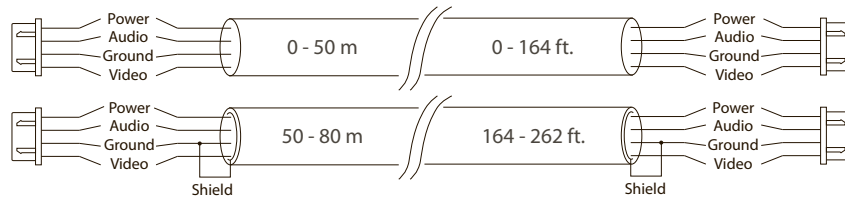
4.1 Cable requirements

Disconnect all power cables before device installation.

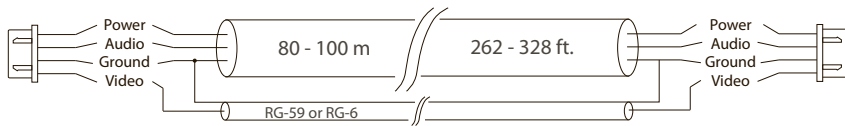
This device can be connected with such cable types depends on the distance between door monitor and door panel:

a) Use 4-wire cable with such parameters:

- distance up to 25 meters (82 ft.) use a cable with 0,22 mm² square of one wire (AWG 24);
- distance 25 to 50 (82-164 ft.) meters use a cable with 0,41 mm² square of one wire (AWG 21);
- distance 50 to 100 meters (164-328 ft.) use a cable with 0,75 mm² square of one wire (AWG 18).

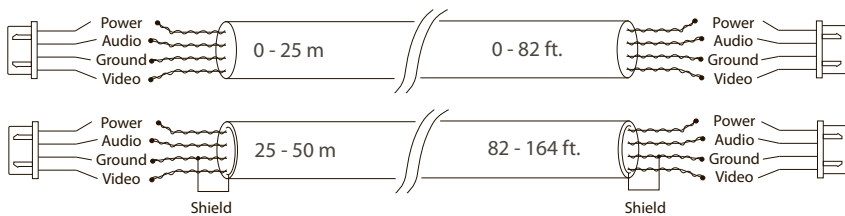


b) If the distance between door monitor and door panel is between 80 and 100 meters (262-328 ft.) then use a 3-wire cable with 0,75 mm² (AWG 18) square of one wire and RG-59 or RG-6 coaxial cable for the video signal.



c) Shielded or non-shielded twisted pair (not recommended):

- distance up to 25 meters (82 ft.) non-shielded twisted pair can be used;
- distance 25 to 50 (82-164 ft.) meters shielded twisted pair should be used.



4.2 Schematic diagrams

Diagram 1. SL-07IP door panels, cameras and locks connection.

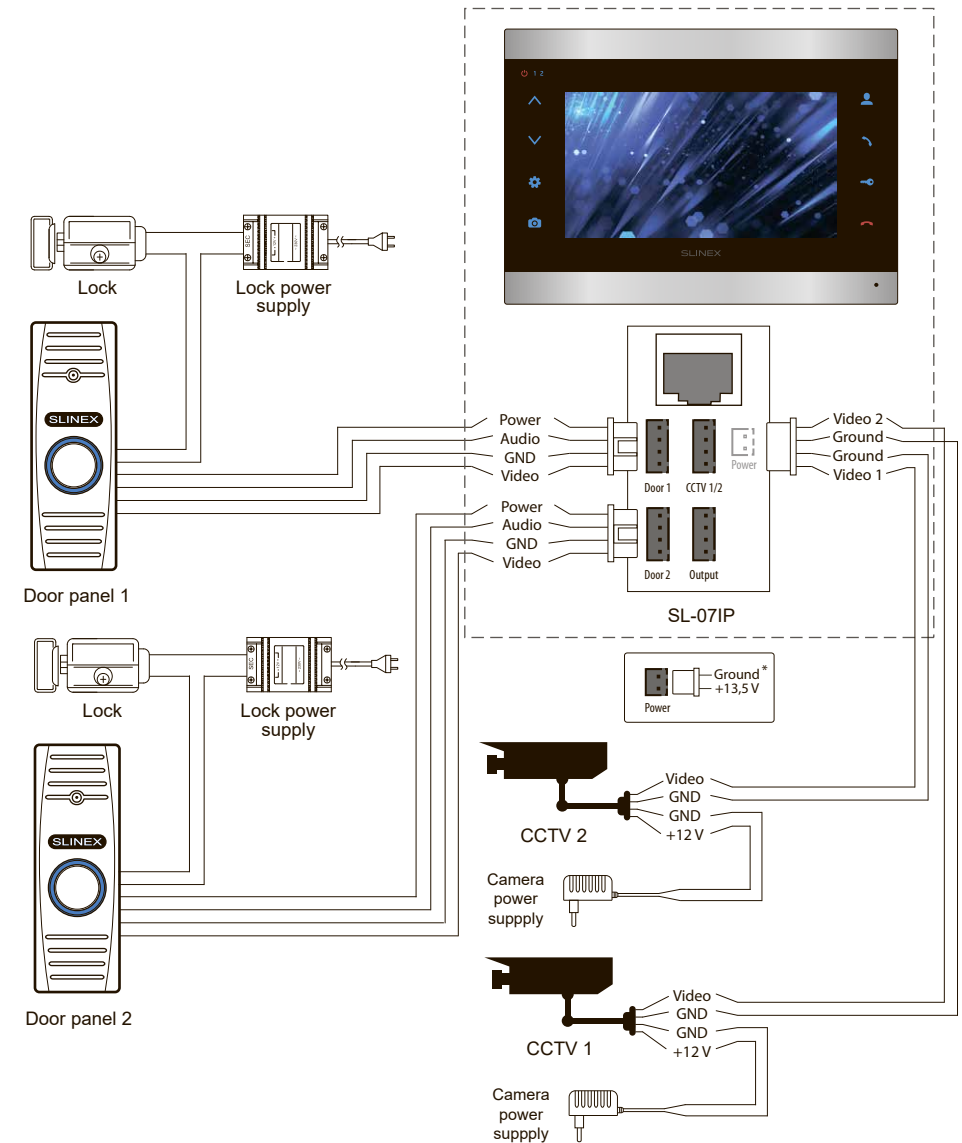
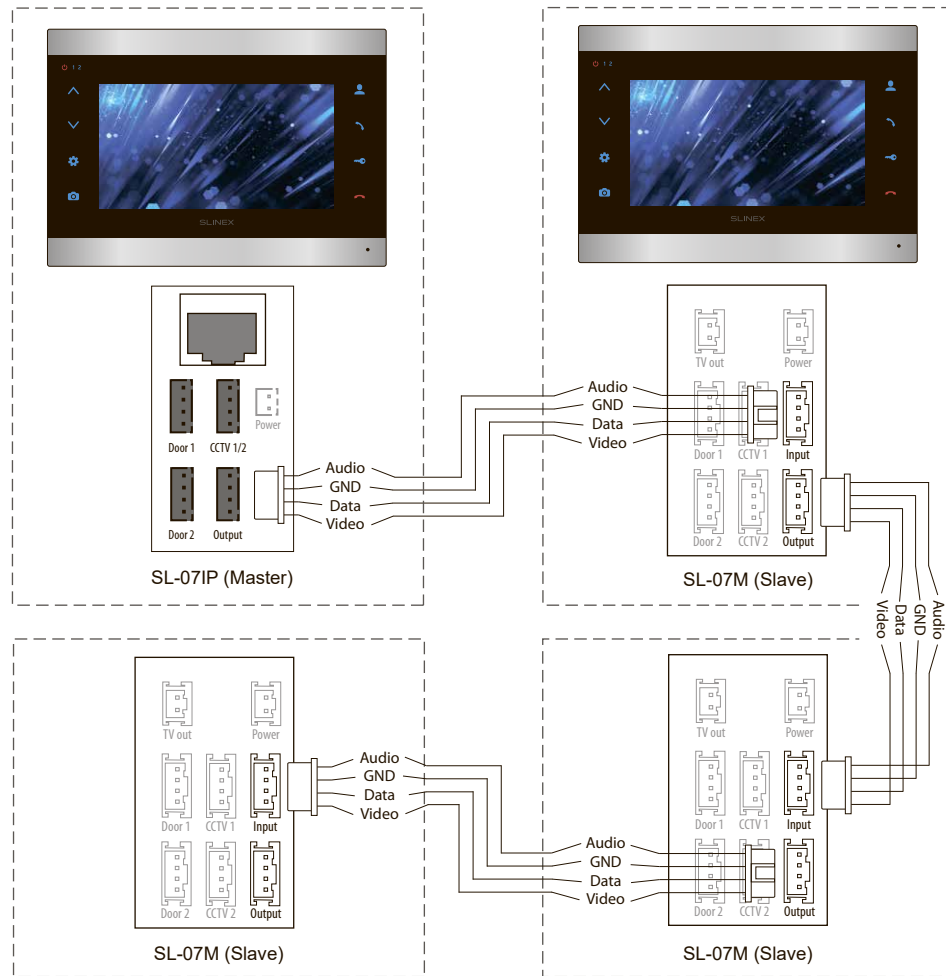


Diagram 2. SL-07IP system connection.



Notes:

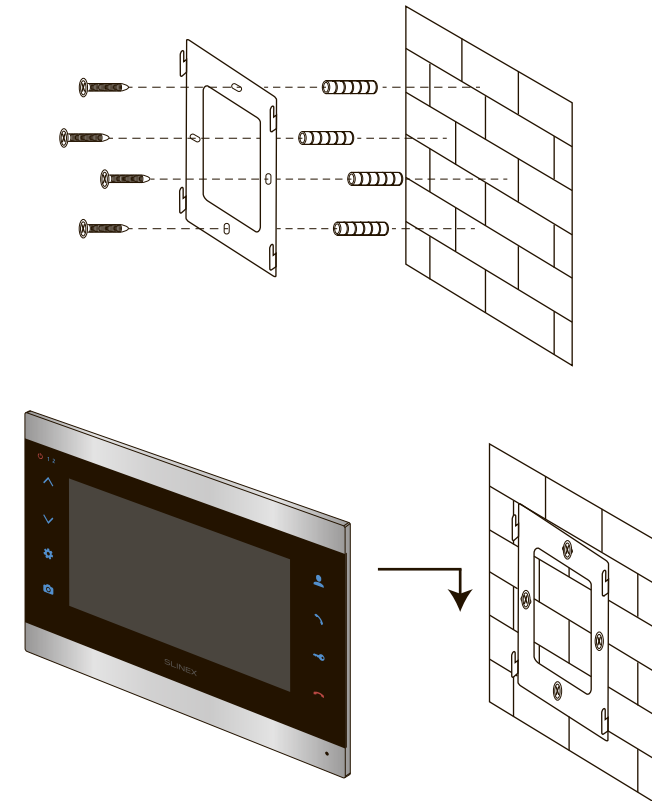
* Use «Power» plug on the monitor to connect external power supply +13,5 V. While use external power supply please keep main power cord ~100-240 V disconnected from the outlet, otherwise it can damage monitor circuits.

** Door panels, cameras, power supplies and locks, described on the schemes are optional devices and are not included into monitors kit.

*** SL-07IP can only be used as a «Master» in the door phones system.

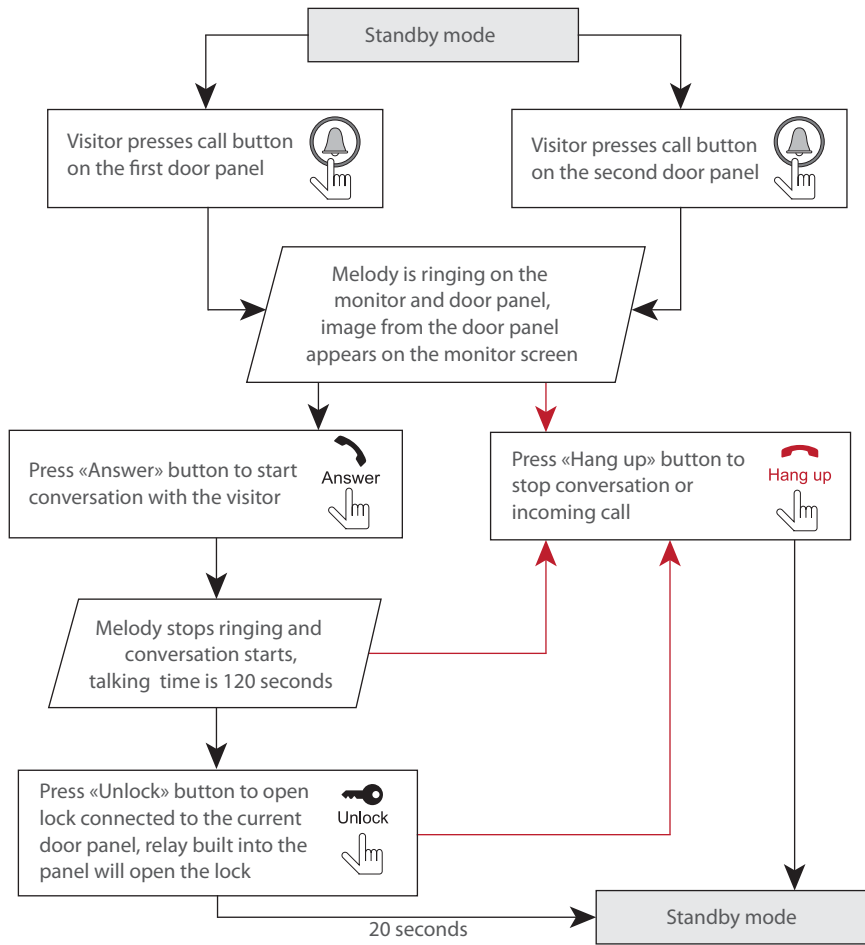
4.3 Unit mount


- 1) Take the surface mount bracket from the kit and place it 150-160 cm from the floor line.
- 2) Mark and drill four holes in the wall.
- 3) Take four wall anchors from the kit and hammer them into the drilled holes.
- 4) Fix surface mount bracket on the wall by four screws from the kit.
- 5) Connect all communication wires and fix the monitor on the surface mount bracket.



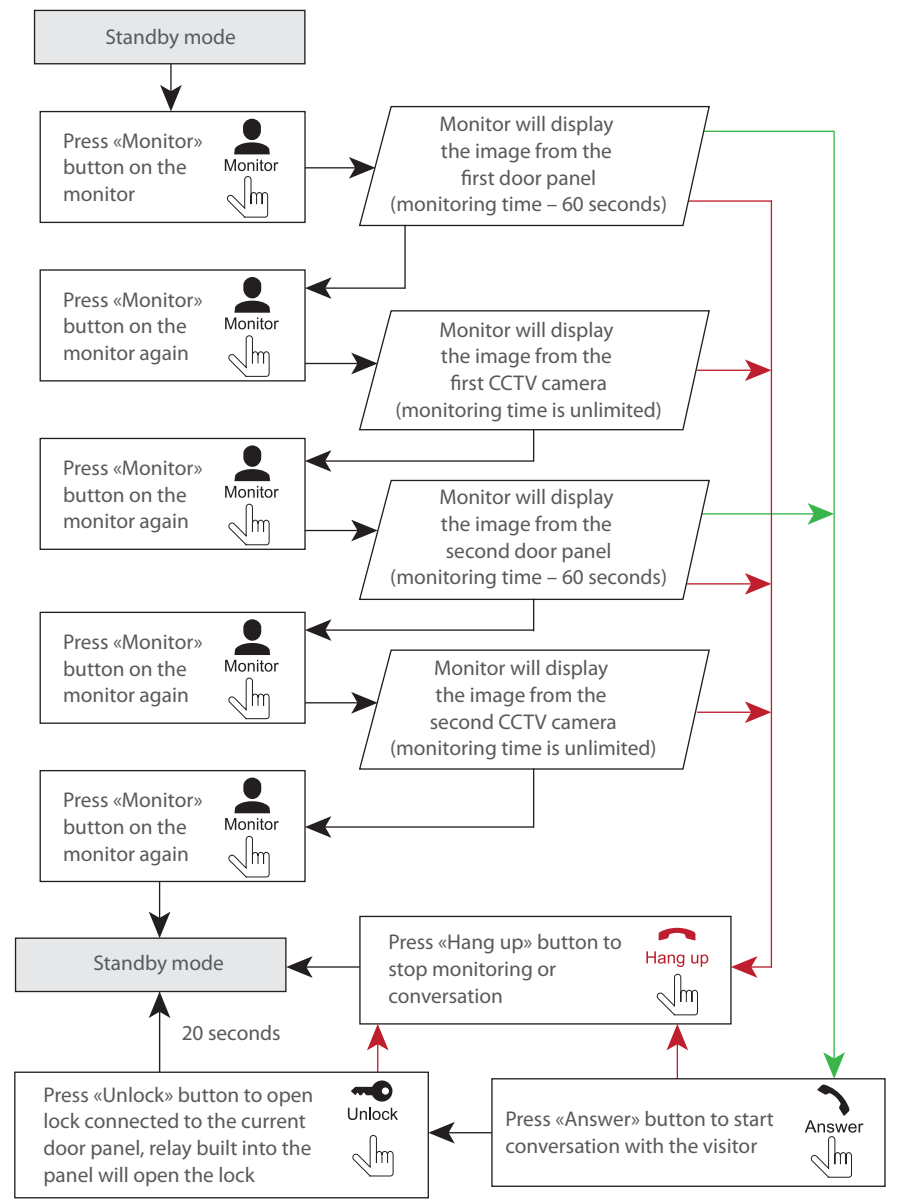
5. Operation

5.1 Incoming call





- Notes:
- 1) Monitor will be automatically switched into standby mode if the user doesn't answer incoming call during 60 seconds;
 - 2) Image and sound from the door panel will be active during 20 seconds after the moment user presses  button. It let the user know if the visitor passed through the door.

5.2 Door panel and camera image view

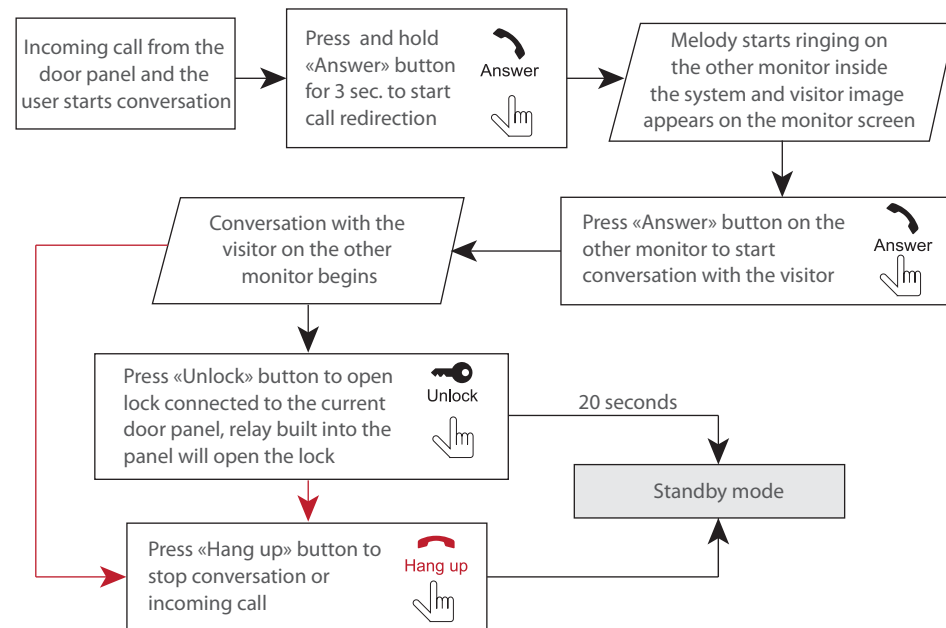


Notes:

- 1) If only two door panels connected to the monitor (no CCTV cameras) then you can escape monitoring mode by pressing «Monitor»  button one more time. (all other sources of video signal should be disabled in the monitor settings).
- 2) If several monitors connected into one system, the user can view the image from door panels on any monitor inside this system. The image will be transferred from the «Master» monitor door panels to the «Slave» monitors.
- 3) If someone press call button on the door panel while monitoring is active then the image from this door panel appears on the monitor screen and call melody starts. Press «Answer»  button to start conversation.

5.3 Incoming call redirection

Two monitors connected into one system are used.

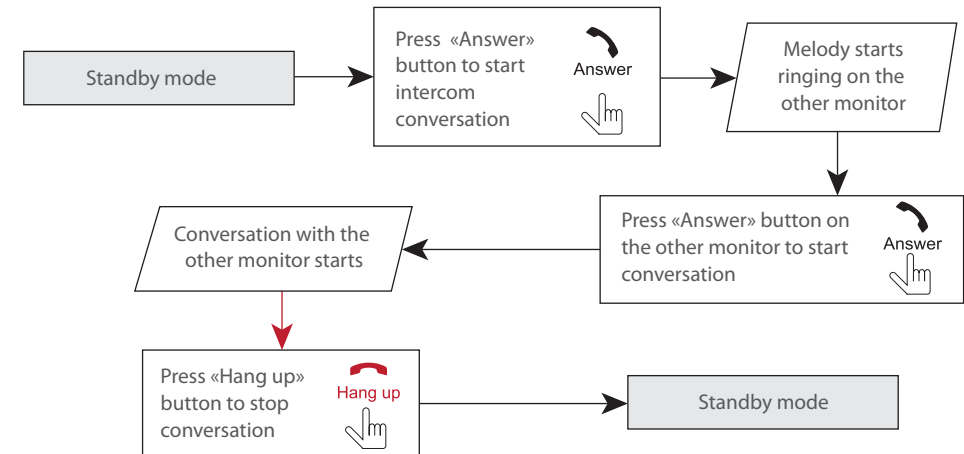


Note:


If incoming call was successfully redirected to the other monitor and other user answered the call then current monitor will enter standby mode.

5.4 Intercom

Two monitors connected into one system are used.










Note:

If someone press call button on the door panel while intercom is active then the image from this door panel appears on the monitor screen and call melody starts. Press «Answer»  button to start conversation with the visitor.

6. Monitor settings

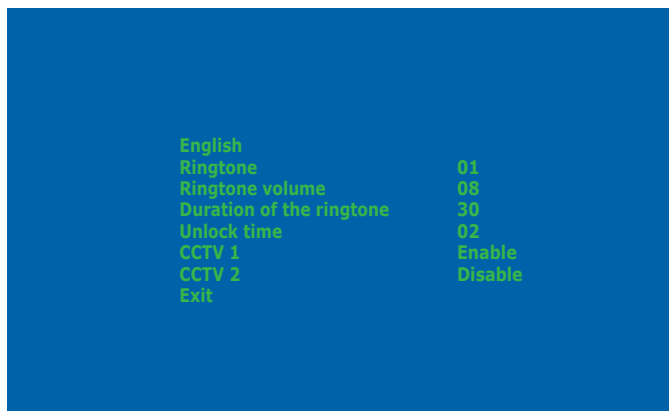
6.1 Main menu

Press  button in standby mode to enter main menu monitor settings. Use  or  buttons to move through the settings. Press  button again to enter current setting. Then press  or  button to change current parameter value and approve the setting by pressing  button.








Press  button on the keyboard to exit from the current menu.

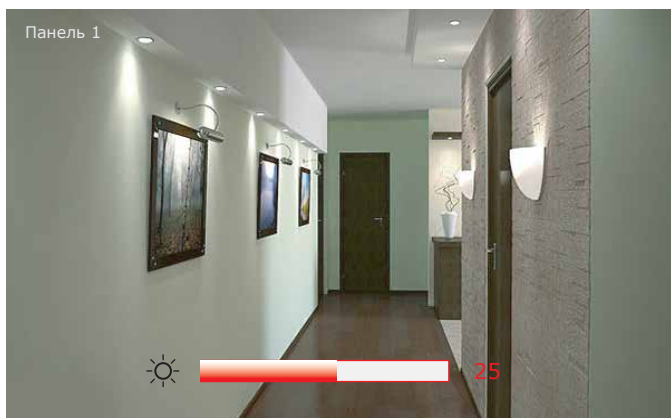
Main menu has following settings:

- English** – choose menu language;
- Ringtone** – choose one of 16 melodies;
- Ringtone volume** – incoming call volume level, from 01 to 08;
- Duration of the ringtone** – call melody duration time, from 05 to 30 seconds;
- Unlock time** – relay unlock time, from 01 to 10 seconds;
- CCTV 1 and CCTV 2** – include (Enable) or exclude (Disable) CCTV camera from the monitoring list.



6.2 Display and conversation volume settings

Press  button in monitoring or talking mode to enter brightness, color, contrast and volume settings menu. Brightness setting bar will appear on the screen. Press  or  buttons to increase or decrease brightness, then press  button to go to the next parameter setting in the next order: color/contrast/volume. Every parameter value can be changed by  or  buttons. After volume setting press  button again to exit settings menu.



7. Network connection diagrams.

Diagram 1. SL-07IP wired network connection.

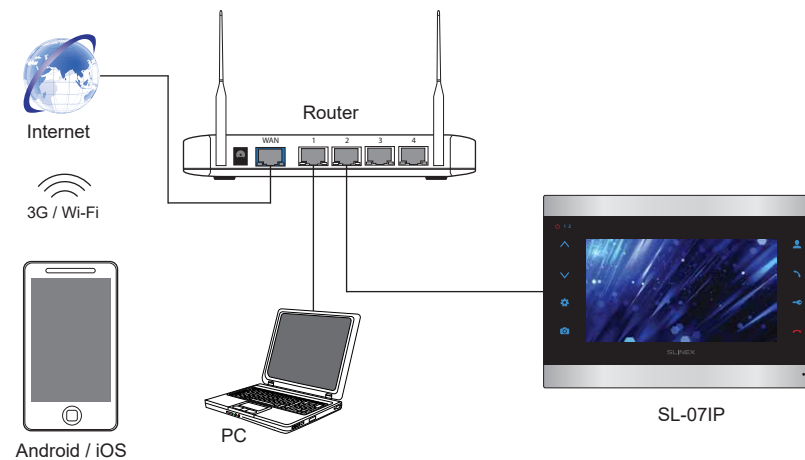
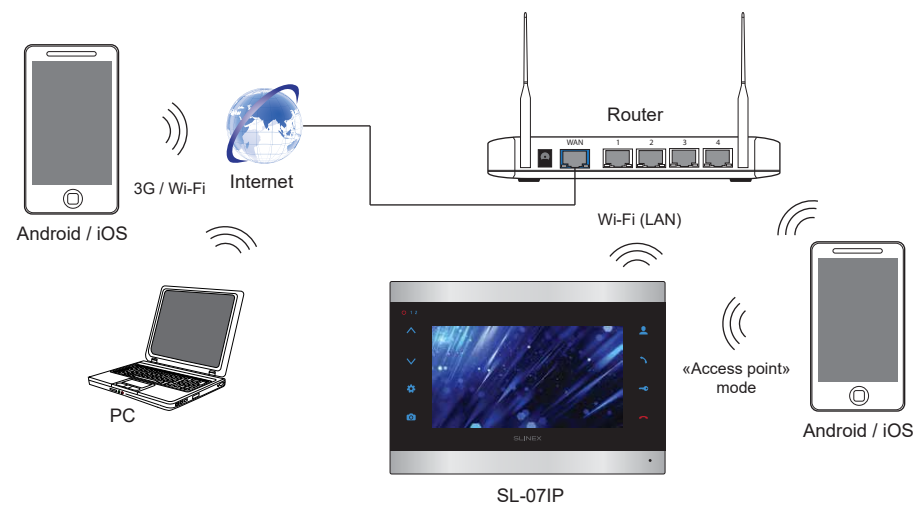


Diagram 2. SL-07IP wireless Wi-Fi network connection.



8. Software

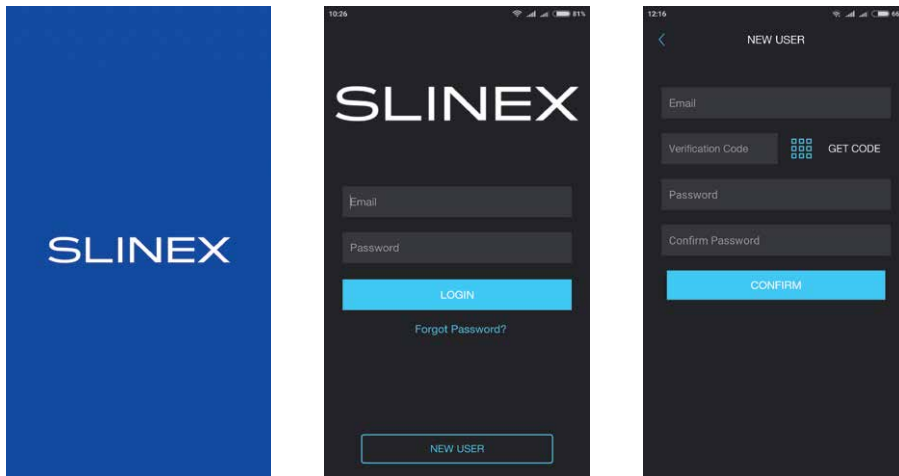
Enter «Google Play» (for Android) or «Apple App Store» (for iOS) and search for «Cloud Call» application, then install this application on your mobile device.



Below you can find basic steps how to add new device to «Cloud Call» application. Full manual on «Cloud Call» application you can find on www.slinex.com

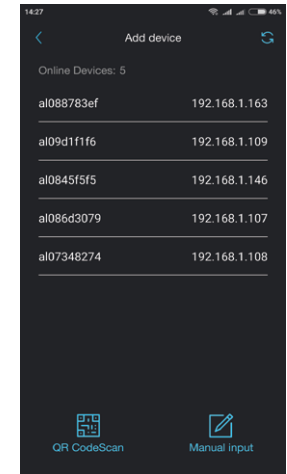
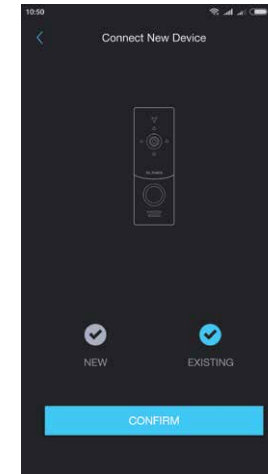
8.1 Creating new account

- 1) Start «Cloud Call» application on your mobile device and press «NEW USER» button to create an account;
- 2) Fill in «Email» box and press «GET CODE» button;
- 3) Check for a new message with activation code on your Email account and enter it into «Verification Code» box;
- 4) Fill in «Password» and «Confirm Password» boxes and press «CONFIRM» button to create new account. That password will be used to login into created account.

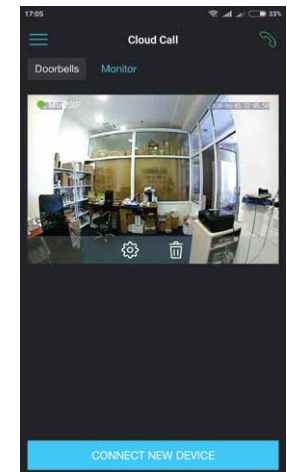
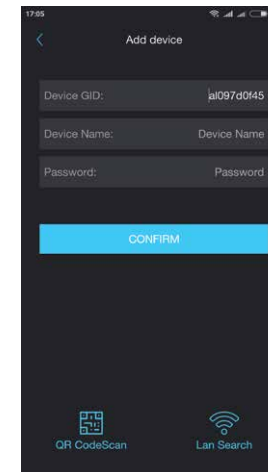
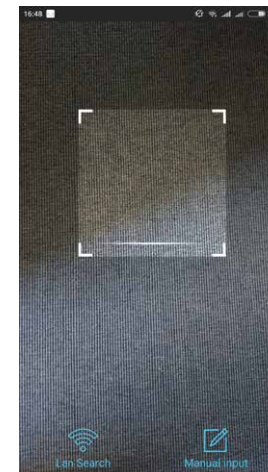


8.2 Wired network connection steps



- 1) Use twisted pair CAT5 or CAT6 cable to connect device to the router;
- 2) Connect mobile device into the same local network;
- 3) Press «CONNECT NEW DEVICE» button, then choose «EXISTING» check box and press «CONFIRM» button;
- 4) New devices search will be applied and you will see the list of the devices, connected to the local network;

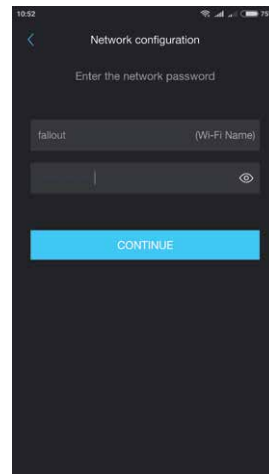
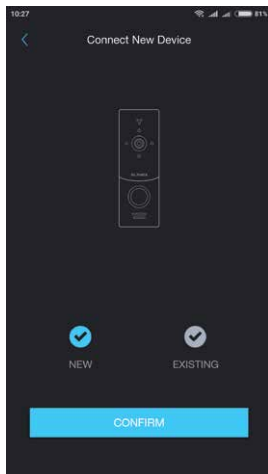


- 5) Tap on UID in the left column, corresponding to the device sticker or press «QR CodeScan» button and then scan QR code on your device sticker if device UID isn't in the list;
- 6) Fill in device information:
Device UID: unique identification number of the device (already filled);
Device Name: any name you like;
Password: 888888 (by default);
then press «CONFIRM» button and you will see added device on the main bar.



8.3 Wireless Wi-Fi network connection steps

- 1) Connect mobile device into the Wi-Fi network you want to connect the monitor;
- 2) Disable 3G/4G internet connection on your mobile device;
- 3) Press «CONNECT NEW DEVICE» button, then choose «NEW» check box and press «CONFIRM» button;
- 4) Press&hold  button on the monitor until you will hear a «beep» sound, then release  button and wait for another «beep» sound after a minute. It means the monitor restarted and entered into «Access point» mode.
- 5) Press «CONTINUE» button on the mobile device screen to go to the next step;
- 6) Enter password of the Wi-Fi network which you want to connect to and press «CONTINUE» button;



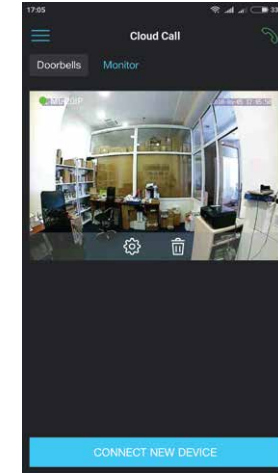
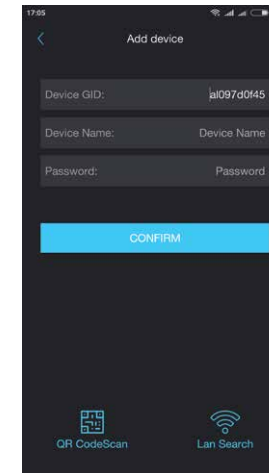
7) Fill in device information:

Device UID: unique identification number of the device (already filled);

Device Name: any name you like;

Password: 888888 (by default);

then press «CONFIRM» button and you will see added device on the main bar.



Notes:

- 1) If there is no LAN cable connected to the monitor or outdoor panel on the first boot then it will automatically go into «Access point» mode and you can skip 4th step of section 5.3.
- 2) If device is already added to some account, you can't add it to another one, only can share it with other account.

8.4 Operation

Main bar

- Tap on settings icon to enter device settings
- Tap on the recycle bin to delete this device from the account
- CONNECT NEW DEVICE

Device bar

- Tap on the device image to start monitoring
- Share device with other account
- Disable monitoring
- Talk with the visitor
- Door unlock (Default password: 888888)
- Hang on

Device Information

- List of shared devices
- Change default device password
- Motion detection settings
- SD card information
- ADVANCED SETTINGS
- FIRMWARE UPDATE
- MY SHARE
- Door panel/monitor firmware update

Advanced Settings

- Change default unlock password
- Time sync with mobile device
- Default settings/reboot
- Modify Device Password
- Modify Unlock Key
- Motion Detection
- Set Time
- SDcard
- Reboot/Restore

Image quality: HD or SD

- Take a snapshot
- Record video
- Speaker volume/microphone sensitivity
- Full screen mode

Note:

While device monitoring, one way audio is constantly active from the outdoor panel side so you can hear what happens nearby. To activate two way communication press «Talk with the visitor» button in the application.

8.5 Notification messages

Press button to activate notification messages preset.

Home mode – notification messages are disabled;

Away mode – notification messages are enabled;

Custom mode – notification messages can be enabled or disabled depending on the settings inside that preset;

Call

from Device1 Cam1
2018-06-05 11:10:57

ANSWER CANCEL

In case notification messages are enabled then you will receive push message if somebody presses call button on the outdoor panel. Press «ANSWER» button to start talking with the visitor or «CANCEL» button to stop the call.

Cloud Call

- Home Mode
- Away Mode
- Custom Mode

Custom Mode

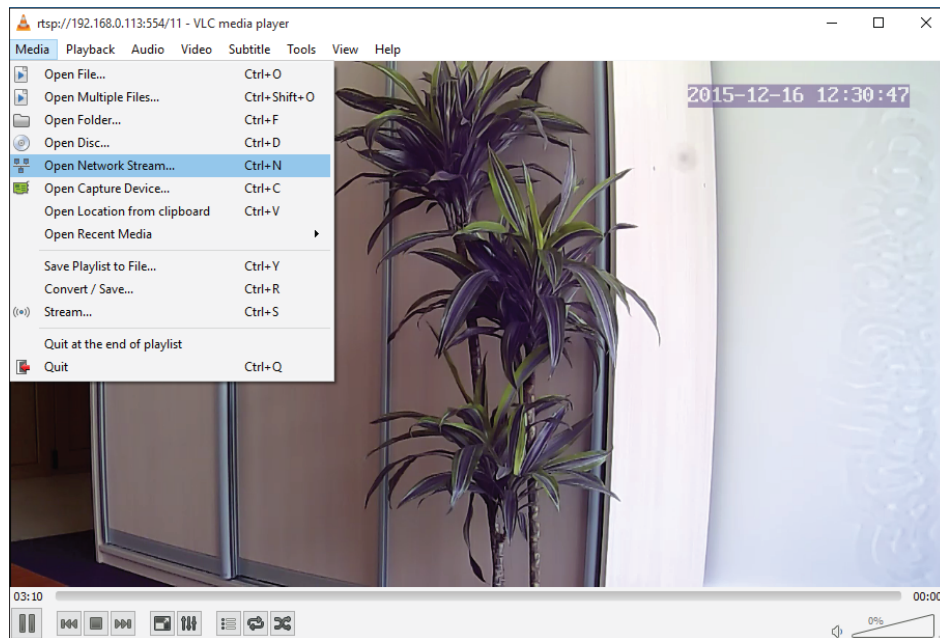
- mi-20ip
- Alarm Notify

8.6 RTSP support

SL-07IP door monitor supports video streaming through the RTSP while monitor display is active (Real Time Streaming Protocol). This function allows to view or record video on the PC or NVR (Network Video Recorder).

RTSP string format: **rtsp://192.168.0.113:554/11**, where 192.168.0.113 is the IP address of the door monitor. For example, we can view real-time video stream through the VideoLAN (VLC) media player.

Choose «Media» → «Open network stream» or press Ctrl+N combination on the keyboard.



Enter RTSP string in «Please enter a network URL» field. Then press «Play» button to start viewing video stream from the door station.

9. 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.