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SK-07HD

Technical support



 User manual



SLINEX

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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 $+55^{\circ}\text{C}$, 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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1. Package

SK-07HD 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 TFT	STANDBY MODE POWER CONSUMPTION 3 W
RESOLUTION 1024×600 px.	WORKING MODE POWER CONSUMPTION 5 W
VIDEO SYSTEM PAL / NTSC / AHD (720p, 1080p)	POWER SUPPLY Built-in power supply, ~100–240 V
AUDIO TYPE Half duplex	MOUNTING TYPE Surface mount
CALL DURATION 120 seconds	DIMENSIONS 176×129×23 mm (6.93×5.08×0.91")
MEMORY No	WORKING TEMPERATURE -10 ... +55 °C (+14...+131 °F)

3. Description



- 1 Display;
- 2 Power switch (on the side);
- 3 Microphone;
- 4 «Ring» button – change the ringtone melody type in standby mode;
- 5 «Monitor» button – outdoor panel or camera image monitoring;
- 6 «Answer» button – incoming call answer and start conversation with the visitor;
- 7 «Unlock» button – door unlocking;
- 8 «Hang Up» button – stop conversation with the visitor / exit current menu;
- 9 Speaker;
- 10 Settings joystick:
 - press the joystick in standby mode to enter settings menu;
 - move joystick up or down to move through the menu settings (next/previous parameter);
 - press the joystick on any parameter to change its value. Change the value of current parameter by moving joystick up or down and then press the joystick again to save current parameter value;

4. Installation

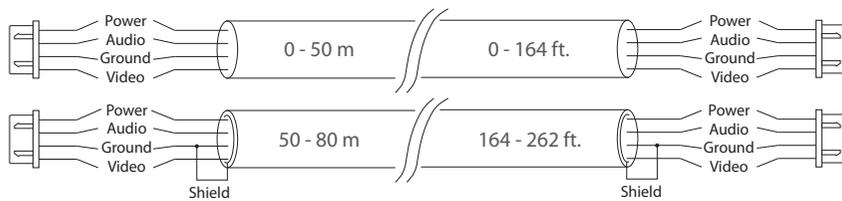
4.1. Cable requirements

Disconnect all power cables before device installation.

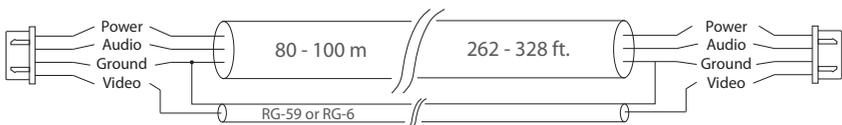
Cable type that is used for device connection depends on the distance between the last indoor monitor in the system and outdoor panel:

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).

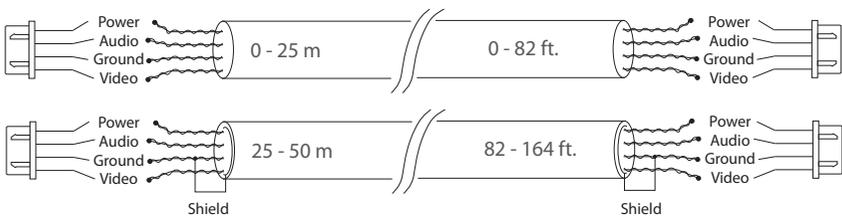


b) If the distance between door monitor and door panel is between 80 and 100 meters (262-328 ft.) then use a 3-wire cable with 0,75 mm² (AWG 18) square of one wire and RG-59 or RG-6 coaxial cable for the video signal.

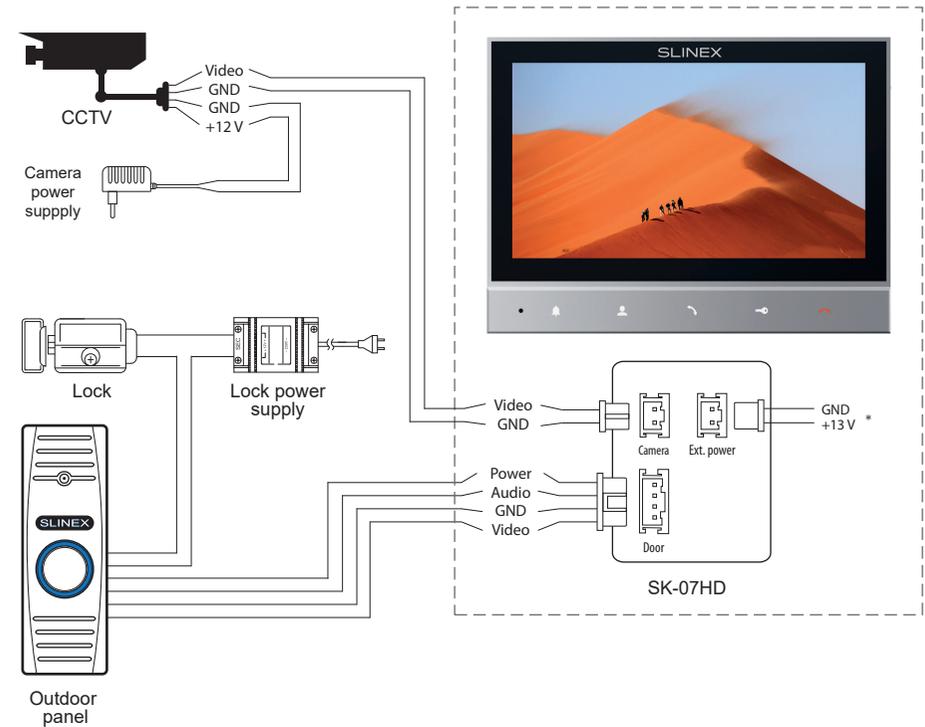


c) Shielded or non-shielded twisted pair (not recommended):

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



4.2. Schematic diagram



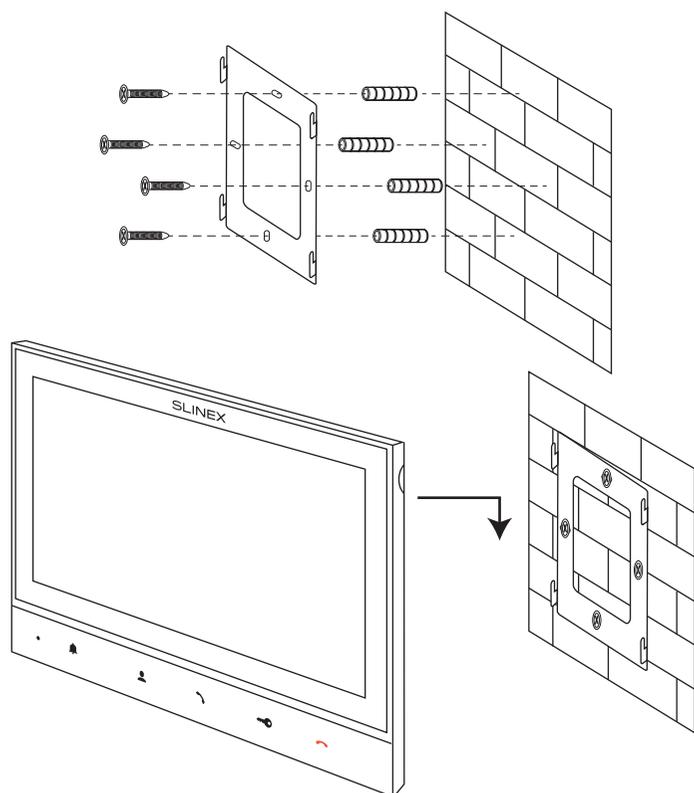
Notes:

* Use «Ext. power» plug to connect external power supply +12-14 V. While using external power supply please keep main power cord ~100-240 V disconnected from the outlet. Otherwise it can damage monitor circuits.

** Outdoor panel, camera, power supplies and lock on the diagram are optional devices and aren't included into monitor's kit.

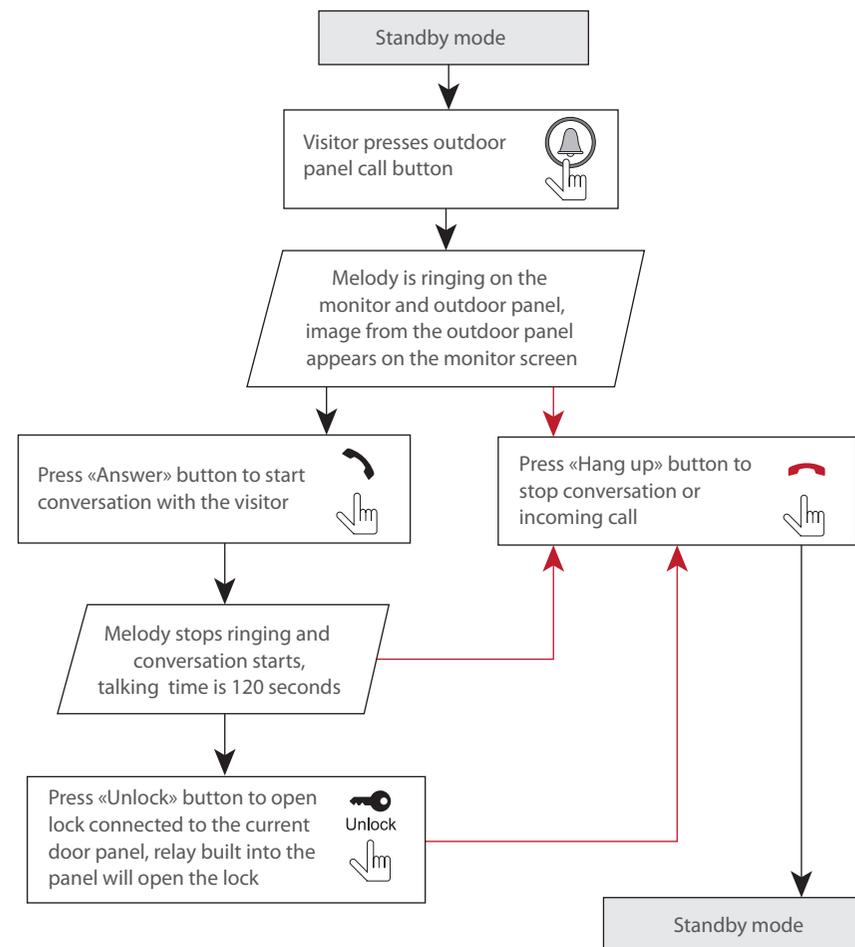
4.3. Unit mount

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

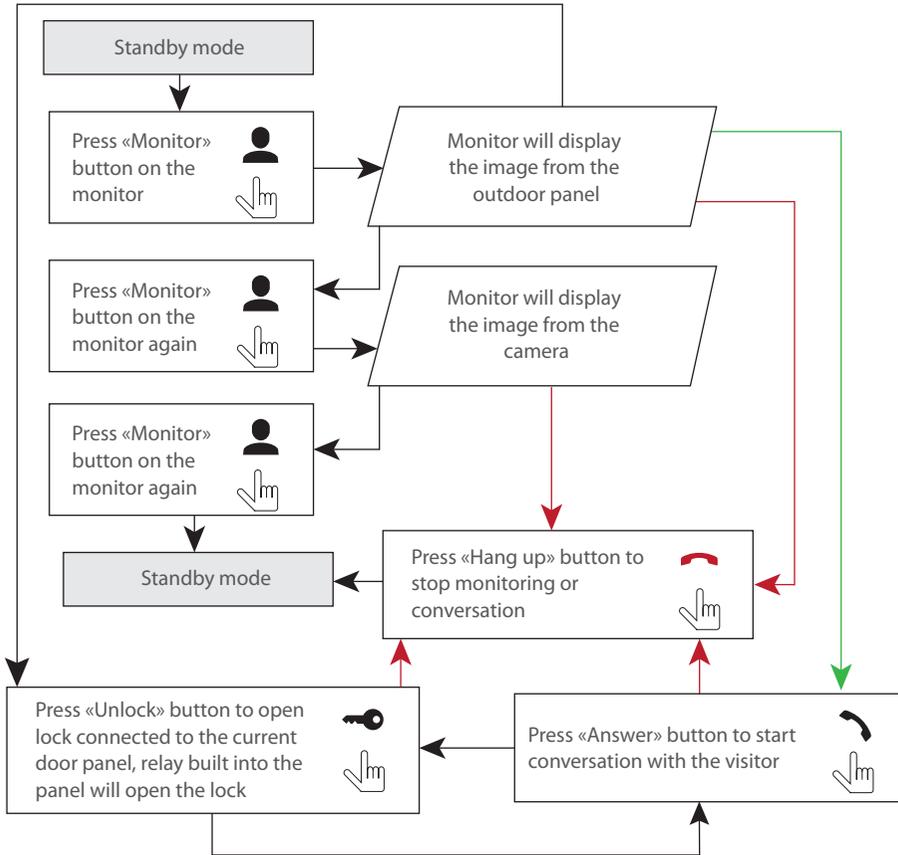


5. Operation

5.1. Incoming call



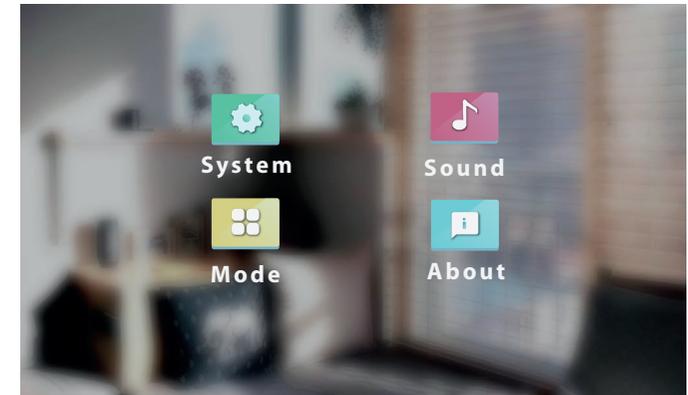
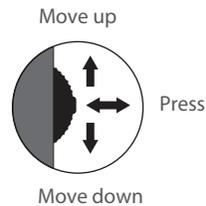
5.2. Outdoor panel and camera monitoring



6. Main menu

Settings joystick  situated on the right side of the monitor case. It has several functions:

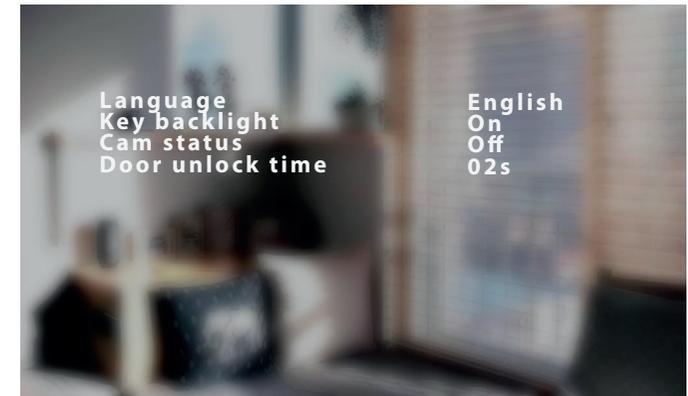
- press the  joystick in stanby mode to enter monitor settings;
- move the  joystick up or down to choose different parameters of the monitor settings;
- press the  joystick again to choose current parameter and move it up or down to change parameter value;
- press the  joystick one more time to save current parameter value;



Main menu

6.1. System

Press «System» icon in the main menu to enter system settings:



Main menu

System

Main menu → System settings

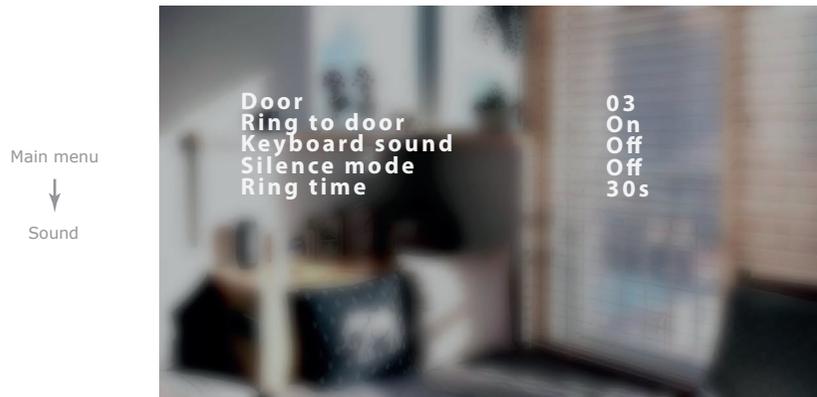
- Language** – menu language setting;
- Key backlight** – enable / disable keyboard backlight;
- Cam status** – enable / disable camera monitoring;
- Door unlock time** – outdoor panel relay unlocking time, from 02 to 10 seconds.

6.2. Melody

Press «Sound» icon in the main menu to enter sound settings:

Main menu → Sound

- Door** – melody select out of 16 melodies;
- Ring to door** – enable / disable outdoor panel ringtone during incoming call;
- Keyboard sound** – enable / disable key touch sound on the monitor;
- Silence mode** – enable / disable incoming call melody on the monitor;
- Ring time** – incoming call melody playback time from 10 to 30 seconds.

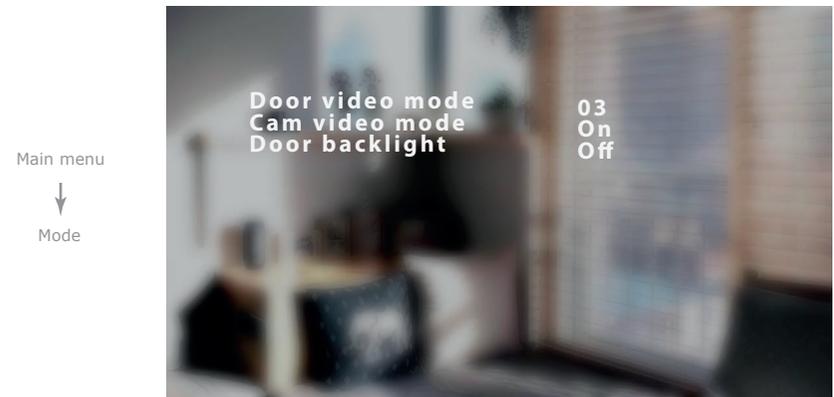


6.3. Mode

Press «Mode» icon in the main menu to enter video mode settings:

Main menu → Mode

- Door video mode** – outdoor panel video signal type, NTSC / PAL / AHD 720N / AHD 720P / AHD 1080N / AHD 1080P/ Auto;
- Cam video mode** – camera video signal type, NTSC / PAL / AHD 720N / AHD 720P / AHD 1080N / AHD 1080P/ Auto;
- Door backlight** – enable / disable outdoor panel call button backlight.

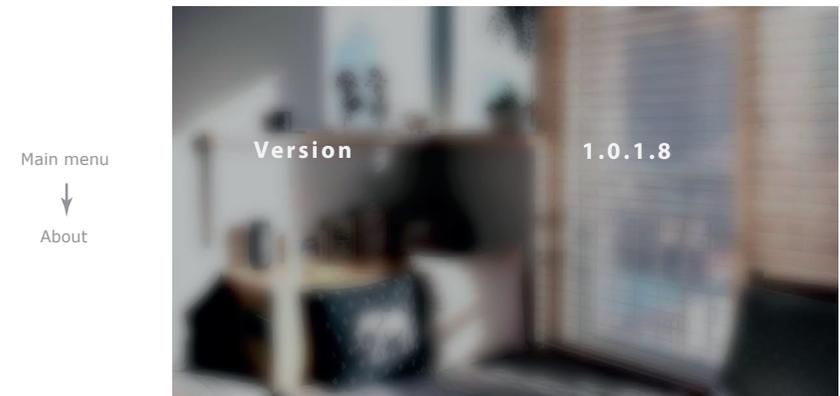


6.4. About

Press «About» icon in the main menu to enter system software version menu:

Main menu → About

- Version** – current software version.



7. Image parameters and talking volume settings

While outdoor panel or camera image monitoring press  joystick on the right side of the monitor to enable image settings bar. Move joystick  up or down to change current parameter value or press it again to go to the next parameter in a such sequence: Brightness / Contrast / Saturation.

While outdoor panel image monitoring move joystick  up or down to enable talking volume settings bar. Move joystick  up or down again to change current vtalking volume setting. Press  joystick to save current talking volume setting.



8. 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 has not 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.