

User manual





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 qulified specialists.

Use the device from the $-10\,^{\circ}\text{C}$ 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

SL-10IPT door monitor – 1 pc.
Wall mounting bracket – 1 pc.
RJ-45 connector – 1 pc.
IR remote control – 1 pc.
Connection wires – 5 pcs.
Mounting screws and nuts – 1 pkg.

2. Specification

User manual – 1 pc.



Screen	10" touch screen, color TFT (16:9)
Resolution	1024×600 pixels
Video system	PAL/NTSC
Audio type	Half duplex
Call time	120 seconds
Internal memory	No
Memory extension slot	SD, up to 64GB
Standby mode power consumption	14 W
Working mode power consumption	21 W
Power supply	Built-in power supply, ~100–240 V
Mounting type	Surface mount
Size	304×190×24 mm
Working temperature	−10+55 °C

3. Description



1	Display
2	Remote control IR receiver
3	Local area network (LAN) connection indicator
4	Power LED. Active when power is on.
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	«Volume» button – enter talking volume setting, system settings menu left cursor
	movement
8	«Intercom» button – start intercom between monitors, system settings menu right cursor
	movement
9	Microphone
10	SD memory card slot (on the side of the monitor)
11	«Hang Up» – stop conversation with the visitor / current system settings menu exit
12	«Unlock» button – door unlocking
13	Mouse USB connector
14	«Answer» button – incoming call answer and start talking with the visitor
15	«Monitor» button – door panel or camera image monitoring



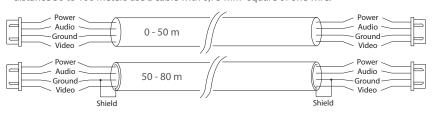
4. Installation

4.1 Cable requirements

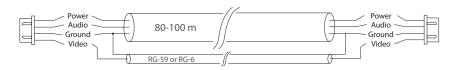
Disconnect all power cables before device installation.

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

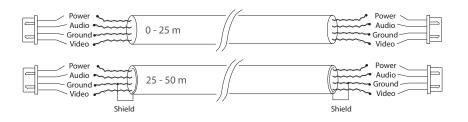
- a) Use 4-wire cable with such parameters:
 - distance up to 25 meters use a cable with 0,22 mm² square of one wire;
 - distance 25 to 50 meters use a cable with 0,41 mm² square of one wire;
 - distance 50 to 100 meters use a cable with 0,75 mm² square of one wire.



b) If the distance between door monitor and door panel is between 80 and 100 meters then use a 3-wire cable with 0,75 mm² 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 non-shielded twisted pair can be used;
 - distance 25 to 50 meters shielded twisted pair should be used.



4.2 Schematic diagrams

Diagram 1. SL-10IPT door panels, cameras and locks connection.

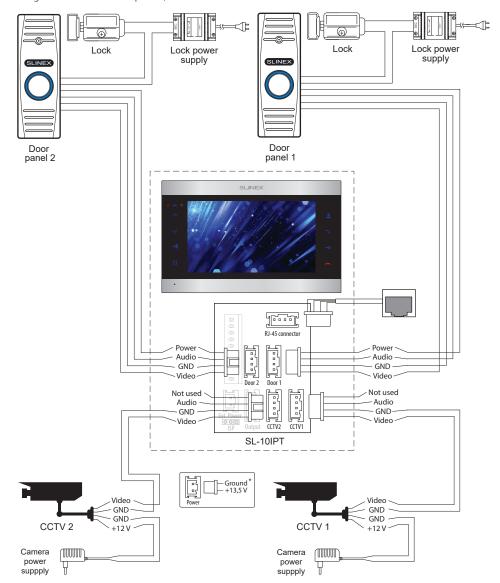
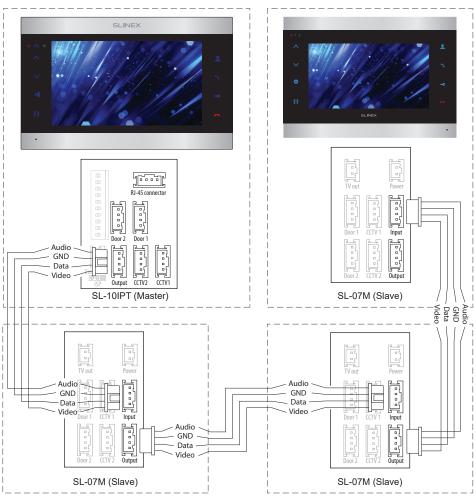




Diagram 2. SL-10IPT and SL-07M system connection.

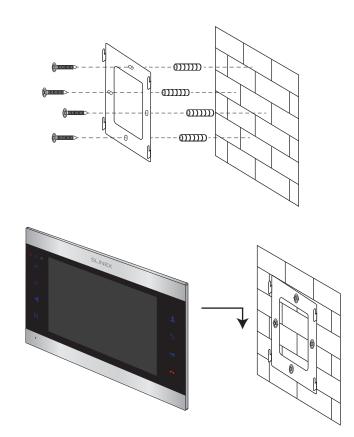


Notes:

- * 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 supplys, locks and other additional equipment described on the schemes are optional devices and aren't included into monitors kit.

4.3 Unit mount

- 1) Take the surface mount bracket from the kit and situate it 150-160 cm from the floor line.
- 2) Mark and drill four halls in the wall.
- 3) Take four nuts from the kit and hammer them into the drilled halls.
- 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.

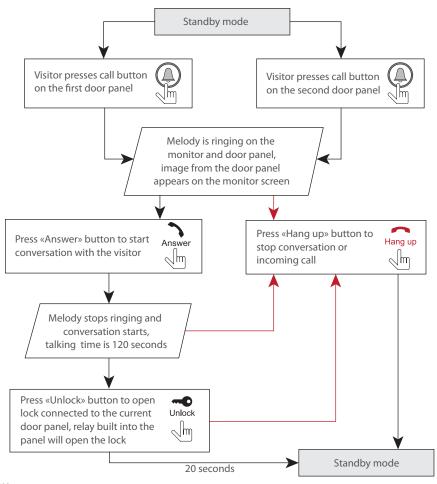




SLINEX

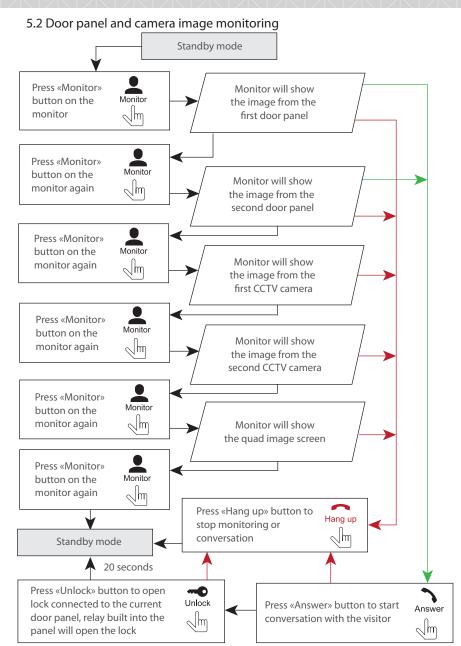
5. Operation

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.





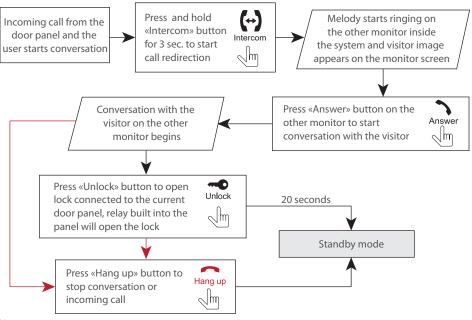
SLINEX

Notes:

- 1) 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.
- 2) 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.

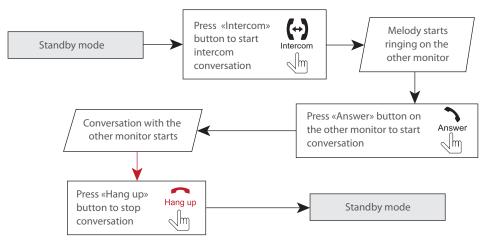


Note:

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

5.4 Intercom

Two monitors connected into one system are used.



Note:

If someone presses 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 Mouse and touch screen functions

User can use the mouse to make monitor settings and change different parameters. Connect the mouse to the USB port situated on the right side of the monitor. Mouse can be connected without monitor power disconnection.

In standby or monitoring mode click right mouse button to enable or disable instrumental panel.
 Right mouse button click
 In the configuration menu or instrumental panel click right mouse button to exit from the current parameter setting to the previous menu.
 In playback mode lick right mouse button to enable or disable playback control panel.



Left mouse button click	 Click left mouse button on configuration settings menu. In configuration settings menu click left mouse button on any icon to enter current sub menu settings. Click left mouse on any icon to enter current parmeters screen. Click left mouse button on any parameter to change its value. Click left mouse button on icon to exit from current parameters screen. 	
	6. Click left mouse on any icon to enter its settings.	
Left mouse	Double click left mouse on any part of the image in quad screen mode to enter	
button double click	full screen mode.	
Left mouse	Use left mouse button hold & slide in motion detection settings to set motion	
button hold & slide	detected part of the screen.	

Touch screen function

This model has a touch screen which makes settings changing more simplier and quicker without mouse connection.

In standby or quad-screen mode touch any quater of the screen to view desired video chanel.

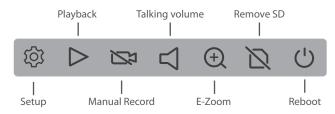
In standby or viewing mode slide any direction by the screen to enable or disable the tool bar.

Press and hold any part of the screen in viewing mode to enable talking volume setting bar.

Press any icon or parameter in settings menu to change its value.

6.2 Tool bar

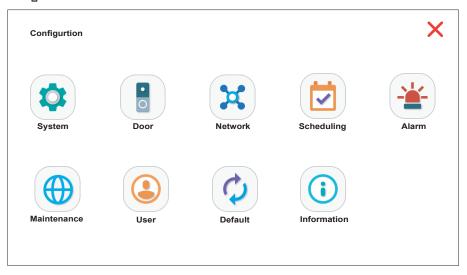
Click right mouse button in standby or monitoring mode or slide any direction by the touch screen to enable or disable the tool bar.



Choose E-Zoom icon on the tool bar then press and hold left mouse button while dragging the part of the image to enlarge it or simply slide the part of the image using touch screen.

6.2.1 Configuration settings

Press (icon on the tool bar to enter configuration settings menu:



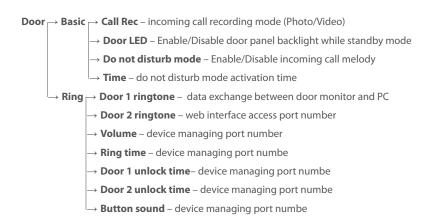
Configuration settings menu has the following structure:

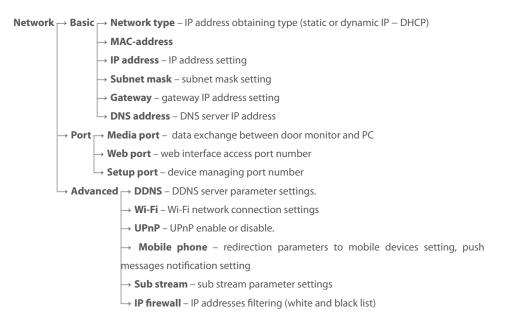
System	\rightarrow	Basic	→ Language – system menu and settings language
			→ Standard –video signal standard (PAL or NTSC)
			→ Door input – door video cameras resolution HD(AHD) or D1(CVBS)
			→ Camera input – additional video cameras resolution HD(AHD) or D1(CVBS)
			Screen saver – clock displaying while stanby (Enabled or Disabled)
	\rightarrow	Time	→ Date format – date display format (MM/DD/YY, YY/MM/DD or DD/MM/YY)
			→ Date – date setting
			→ Time format – time display format (12 Hour / 24 Hour)
			→ Time – time setting
	\rightarrow	Video	→ Channel – choose channel number to change settings
			→ Channel name – current channel name
			→ Color setup – Chroma, Brightness, Contrast and Saturation settings
			→ Video margin – Left, Right, Up and Down image margins
			Record – record Resolution and Frame rate settings for all channels

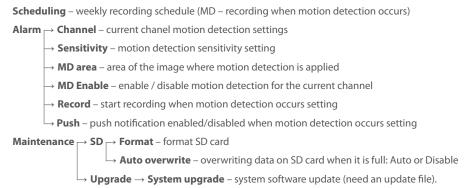
{Design. Uniqueness. Innovations}











User – add or delete user account

Default – restore default monitor settings

Information – device information, such as: unique UID device number, software version and production date.

Detailed descriptions of some parameters of «Configurtion» settings are listed further.

Network → Advanced → Wi-Fi

User can connect door phone to the local network in two ways: wired or wireless Wi-Fi connection. We strongly recommend to use wired connection because it is more reliable than wireless one. Enable Wi-Fi module if wireless connection should be used to connect door phone to the local network. Press witch on the left of «Wi-Fi» sign to activate the module. Then press «Wi-Fi» sign by left mouse button to enter Wi-Fi settings menu.

Press Q button to start network searching for available networks. Choose the network and press left mouse button on its name. If the password required for this network then the window with the password input field will appear on the display. Input the right password for the current network and press icon to confirm it. The monitor will be rebooted and connected to the current network.

Note that Wi-Fi network name should be only consisted of english characters and numbers (spaces and special symbols are not allowed). Otherwise network registration will not be approved.

Press icon to connect wireless network manually and then enter all the settings. Also current wireless network parameters can be changed here:

SSID - wireless network name

Auth mode – authorization type «WPA-PSK» or «WPA2-PSK» can be set

Encryption type – «AES» or «TKIP» encryption types are available

Password - wireless network password



$\textbf{Network} \rightarrow \textbf{Advanced} \rightarrow \textbf{Mobile phone}$

Phone port – mobile devices connection port (from 1024 up to 65535). 10510 is defult value mobile port number

Push time (s) – push notification delay in seconds.

Push – enable or disable push notification for moble devices.

Network \rightarrow Advanced \rightarrow Sub stream

Channel – channel number to make settings

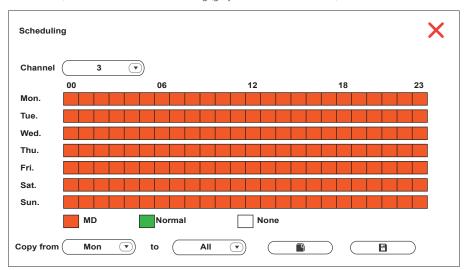
Frame rate – can be changed from 5 up to 25 frames/second for PAL or from 5 up to 30 frames/second for NTSC.

Bit rate - streaming bit rate quality, 64K, 128K, 192K, 256K or 384K can be seted.

Bit rate control – type of video compression: CBR – constant bit rate, VBR – variable bit rate.

Scheduling

Record schedule can be seted up on this screen. There are three types of schedule settings: «MD» – motion detection recording (orange color in schedule table), «Normal» – constant recording (green color in schedule table) and «None» – disable recording (grey color in schedule table).



Choose one of the schedule settings under schedule table and then click on the time which you want to apply this type of setting on the schedule table. One square on the schedule table matches one hour time interval. Then the first left square of the table matches the time from 00:00 to 01:00 and the last one matches the time from 23:00 to 00:00. When all the settings will be done then press icon to save all the changes.

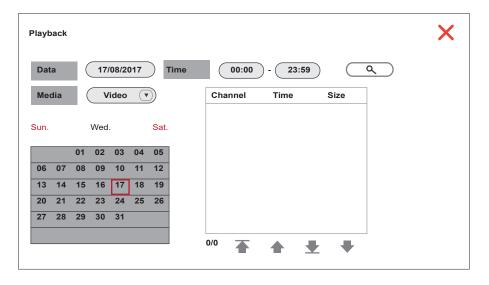
Alternative way to set all the schedule is to set the schedule for one day and then copy it for other days of the week. Use «Copy from» bar under schedule. Choose the day which you want to copy schedule from in the left block and choose the day(s) which you want current schedule to be applied to. Press icon to start copying, and then press icon to save all the settings.

Maintenance → **Upgrade**

Create an «ivrupgrade» folder on the SD card root. Copy upgrade file into this folder and insert SD card into door phone slot. Press icon to start system upgrade. Firmware upgrade will take two or three minutes. Don't remove SD card or turn off the power during this time, otherwise it can demage the door phone. System will be restarted after firmware upgrade.

6.2.2 Playback

Slide any direction by the screen to enable the tool bar. Then press icon to enter playback menu.



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Enter date and time and then press button to find reccords matched to your request. Channel column shows the channel number which that file was recorded. «Time» and «Size» columns shows current record starting time and its size in MB. Record with orange background indicates that it was recorded as motion detection trigerred. Record with black background indicates that it was recorded by schedule.

Press left mouse button on file name to start playback in full screen mode. As the playback will be ended up the monitor will be returned to the file list. Press button to go to the first page of the list or button to go to the previous page of the list. Press button to go to the next page of the list or button to go to the last page of the list.

6.2.3 Recording

There two types of recording in that door phone – manual recording or schedule recording (including motion detection). Manual recording has more priority than schedule recording. In case if manual recording has occured then schedule recording will be paused until the end of manual recording.

Schedule recording is described in details on the 17th page of that manual.

Press button on the tool bar to start manual recording. Press button again to stop manual recording.

6.2.4 Talking volume control panel

6.2.5 SD card removing

Slide any direction by the screen to enable the tool bar. Then press icon. Now you can remove SD card from the door phone slot.

6.2.6 System reboot

Slide any direction by the screen to enable the tool bar. Then press \bigcup icon to reboot the system.

7. Web browser settings

7.1 General conditions

Web browser software installation enables door phone remote control.

It is recommended to use Windows XP, Windows 7, Windows 8 or Windows 10 with Internet Explorer browser version 7.0 and higher.

Mouse can be connected to the door phone any time without power disconnection of the door phone.

7.2 Security settings

Browser setup for the remote access to the door phone includes next steps:

Open Internet Explorer browser and press «Tools» icon on the upper right side of the window, then go to «Internet options» menu and choose «Security» bookmark. Press «Custom level...» button and set «Enable» option for the next ActiveX settings and plugins:

- Automatic prompting for ActiveX controls;
- Script ActiveX controls, marked safe for scripting;
- Run ActiveX controls and plug-ins;
- Initialize and script ActiveX controls, not marked as safe for scripting;
- · Binary and script behaviors;
- · Allow scriptlets;
- · Download signed ActiveX controls;
- · Download unsigned ActiveX controls.

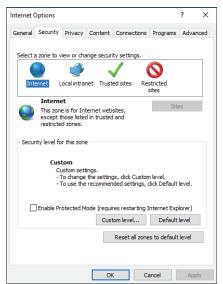
Press «OK» button and choose «Advanced» bookmark. Find «Security» settings and activate the option:

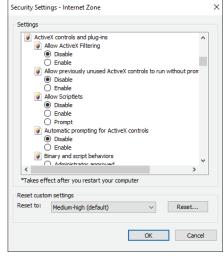
· Allow software to run or install even if the signature is invalid.

Press «OK» to save current setting.

Note:

Access to the door phone main page can be blocked by Windows firewall and other antivirus software.









7.3 Network settings

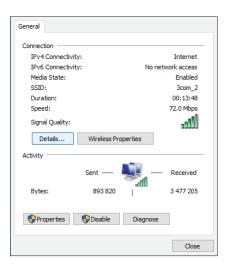
Door phone remote access can be carried out through the Internet or local network connection. Clent computer IP address should use the same network segment as the door phone. In global network the only demand is that computer and door phone should be available to use public network and Internet connection using IP address or dynamic domain name. Local network connection settings are described below:

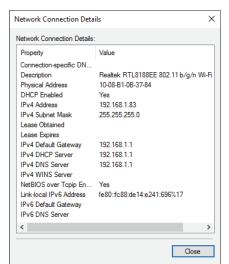
1) Check computer IP address, subnet mask and default gateway. Press right mouse button on the Windows «Start» button and choose «Network connections» menu. Press left mouse button twice on the currently used network connection and then press «Details...» button.

Here you can see network parameters of the computer, such as IP address, subnet mask and default gateway.

Note:

There is also another way to access network parameters display. Press right mouse button on the «Network» icon (on the task manager bar or on the desktop) and choose «Open Network and Sharing Center» — «Change adapter settings». Press left mouse button twice on the currently used network connection and then press «Details...» button.





2) Set appropriate IP address from the current network segment, subnet mask and gateway in the door phone settings (Configuration \rightarrow Network \rightarrow Basic). In the current example IP address can be set as 192.168.1.X, where X – any number between 0-255, except 255 and 1 (and also except IP addresses that already exist in that segment). Subnet mask – 255.255.255.0 and gateway – 192.168.1.1 *Note:*

If the door phone connected to the global network then public IP address should be used.

7.4 Plugin installation

After all settings have been made, open browser and enter door phone IP-address (Configuration \rightarrow Network \rightarrow Basic \rightarrow IP address) into address line. After IP address, enter colon (:) sign and web port number that is used on the door phone (Configuration \rightarrow Network \rightarrow Port \rightarrow Web Port). For example if the current web port is 8090 (default web port), then the final text in the adress line should be like http://192.168.1.50:8090

After entering you will be asked to install monitoring software. Confirm this installation and then you can enter door phone web interface to monitor your cameras, panels or change settings:



Select the English language on the upper middle side of the screen. Enter user name and password.

USER ID – user name. Default user name is Admin.

PASSWORD - password. Default password is 888888.

NETWORK – choose MAIN STREAM or SUB STREAM. Main stream has better image quality than sub stream.

Open preview – select this option if you want to turn on panels and cameras image monitoring after authorization.





7.5 Web interface

Web interface web page consists of several bookmarks:

LIVE - real time monitoring;

PLAYBACK - recorded video playback;

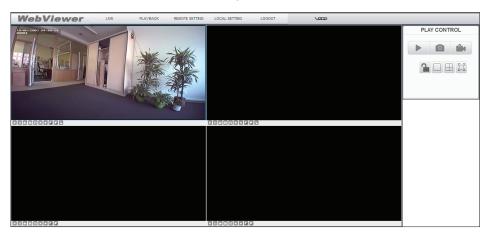
REMOTE SETTING - remote access settings;

LOCAL SETTING - local storage settings;

LOGOUT - exit from the web interface.

7.5.1 Real time monitoring, «LIVE» bookmark

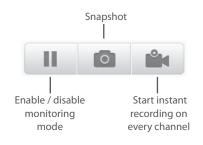
Press «LIVE» bookmark to enter real time monitoring mode.

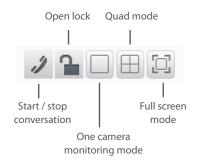


On the left down side of every channel you can see control panel, which has several buttons:

- II start/stop playback;
- start/stop recording;
- increase/decrease contrast;
 - open lock. Press this button to open current door panel lock. Enter unlocking password (default unlocking password is: 888888) and press «Confirm»;
 - M means that motion detected on the current channel (can only be observed if motion detection function is enabled for the current channel).

Main control panel is situated on the right side of the web interface window and has such buttons:





Notes:

 $Snapshots \ saving \ path \ is \ ``C: \ Users \ Local User \ Documents \ VP_XXX.XXX.XXX.XXX \ Capture ``Records \ saving \ path \ is \ ``C: \ Users \ Local User \ Documents \ VP_XXX.XXX.XXX.XXX \ Records ``While \ video \ recording \ is \ active \ on \ any \ channel \ you \ can \ see \ \ R \ \ icon \ on \ the \ control \ panel.$

Click on any channel image by left mouse button twice to enter one camera monitoring mode. Click on any channel image by right mouse button to enter full screen guad mode.

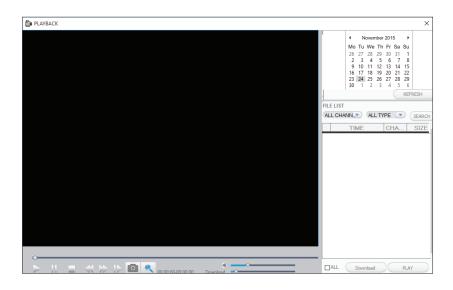
7.5.2 Video playback, «PLAYBACK» bookmark

Press «PLAYBACK» bookmark to open playback window. There are several search types which can be used:

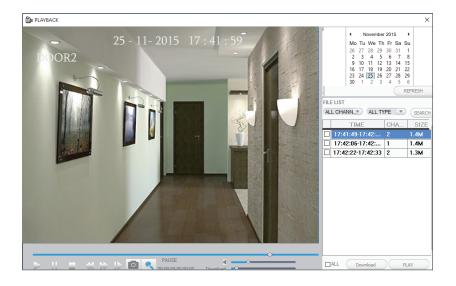
1) Search by date. Select the month which records you want to search for by
or buttons. Then press «REFRESH» button to display current month records. Press on any date from the calendar to display records being made this day.

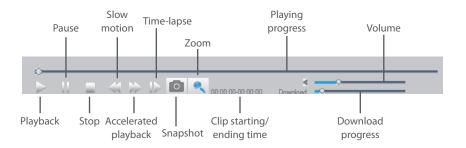
2) Search by type. Select channel number and event type which you want to search for and then press «SEARCH» button. All search results will be displayed in the list below.





Double click by left mouse button on selected file or select file from the list and press «PLAY» button to start its playback. You can also download video on your PC using «Download» button to create backup and view it later.



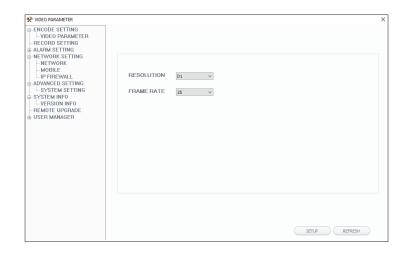


7.5.3 Remote access settings, «REMOTE SETTING» bookmark.

Press «REMOTE SETTING» bookmark on the upper side of the screen to enter remote door phone settings. Here you can find encode, record, alarm, network, alarm, mobile and user settings.

«ENCODE SETTING» - video quality settings

On the left side of the screen press «ENCODE SETTING» to enter video quality settings. Depending on the cameras and door panels connected to the door phone select resolution type D1 (CVBS) or HD (AHD) and select stream frame rate.

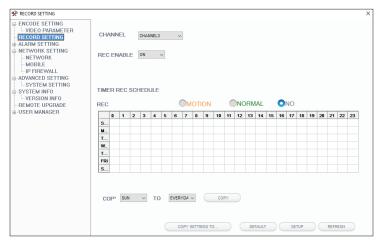






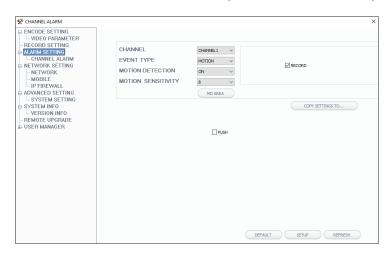
«RECORD SETTING» - schedule recording settings

On the left side of the screen press «RECORD SETTING» to enter schedule recording settings. Here you can enable or disable recording channels, set the schedule and recording type for every channel, such as motion detection, normal schedule recording or no recording.



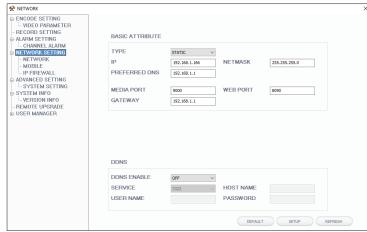
«ALARM SETTING» – alarm paerameters settings

On the left side of the screen press «ALARM SETTING», to enter alarm settings menu. Here you can enable or disable motion detection, set motion detection area for every video channel and its sensitivity.



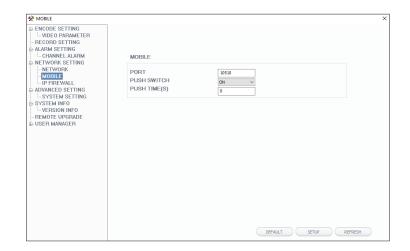
«NETWORK SETTING» - network parameters settings

On the left side of the screen press «NETWORK SETTING» then select «NETWORK» to enter network parameters menu. Here you can set network connection parameters, such as IP address, netmask, gateway, etc.



«MOBILE» - mobile access settings

On the left side of the screen press «NETWORK SETTING» then select «MOBILE» to enter mobile settings menu. Here you can set mobile port number, enable or disable push messages and set push time duration.







«IP FIREWALL» - IP firewall settings

On the left side of the screen press «NETWORK SETTING» then select «IP FIREWALL» to enter firewall settings. Here you can enable or disable web interface access for the certain IP addresses.



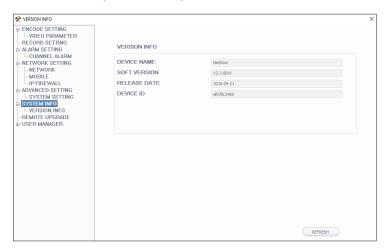
«ADVANCED SETTING» – system settings

On the left side of the screen press «ADVANCED SETTING» to enter system settings menu. Here you can select door phone menu language and video signal encoding type (TV MODE), PAL or NTSC.



«SYSTEM INFO» - system information

On the left side of the screen press «SYSTEM INFO» to enter system information menu. Here you can see such information as device name, software version, release date and device id number.



«REMOTE UPGRADE» - remote software upgrading

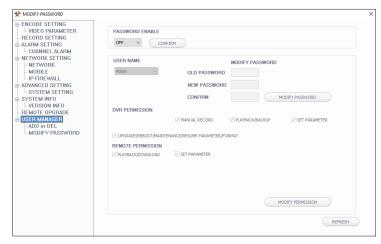
On the left side of the screen press «REMOTE UPGRADE» to enter software upgrading menu. Press «...» button and select upgrading file. Then press «REMOTE UPGRADE» button to start upgrading process. Don't turn off the door phone power until upgrading process will be ended.

★ REMOTE UPGRADE		×
⊕ ENCODE SETTING - VIDEO PARAMETER - RECORD SETTING ⊕ ALARM SETTING - CHANNEL ALARM ⊕ NETWORK SETTING - NETWORK - MOBILE		
- IP FIREWALL - ADVANCED SETTING		
SYSTEM SETTING SYSTEM INFO VERSION INFO REMOTE UPGRADE BUSER MANAGER	REMOTE LIPGRADE	
ADD or DEL MODIFY PASSWORD		



«USER MANAGER» – user accounts management

On the left side of the screen press «USER MANAGER» to enter user passwords and permissions management.



«ADD or DEL» - add or delete user account

On the left side of the screen press «USER MANAGER» then select «ADD or DEL» setting to add or delete user account. Enter new user name and password, then press «ADD USER» button to add a new user account. Press «DELETE USER» to delete selected user account.



7.5.4 Local storage settings, «LOCAL SETTING» bookmark

Press «LOCAL SETTING» bookmark on the upper side of the screen to enter local storage settings. Here you can change storage paths for every file type.

₹ LOCAL SETTING	×
RECORD SAVE PATH C:\Users\Boss\Documents/	
PICTURE SAVE PATH C:\Users\Boss\Documents/	
FILE SAVE PATH C:\Users\Boss\Documents/	
Cpen default path	DEFAULT APPLY





8. Mobile device software

Use twisted pair CAT5 or CAT6 cable or wireless Wi-Fi connection (not recommended) to connect SL-10IPT video door phone to the local network.

Application setup includes next steps:

- 1) Enter «GooglePlay» (for Android) or «AppStore» (for iOS) and search for «Slinex» application, then install this application on your mobile device.
- 2) Connect mobile device into the local network, which is video door station connected.
- 3) Run «Slinex» application on your mobile device and press (+) icon to add a new device.
- 4) Press «Click here for connected wired/wireless device» button, then press «LAN search» button.
- 5) When new device have been found, choose its number in the list and fill in the device information:

Name: enter device name in the list (any name you like)

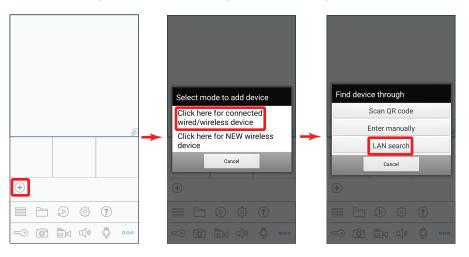
UID: unique identification number of the device

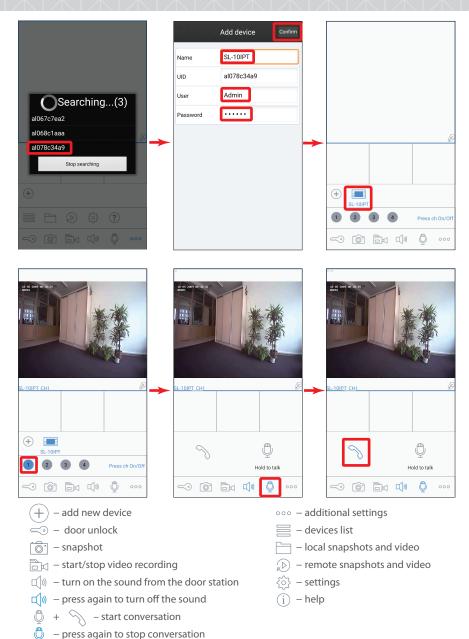
User: Admin (by default)

Password: 888888 (by default)

then press «Confirm» button.

- 6) Device will be added to the bar in the middle part of the screen. You can also press alarm notification on or off by the blue switch in the devices list («Switch ON/OFF notification») page 35.
- 7) If you want to view the image from the door station press its icon on the bar and then press any channel icon to start monitoring mode. Press channel icon again to stop monitoring mode.

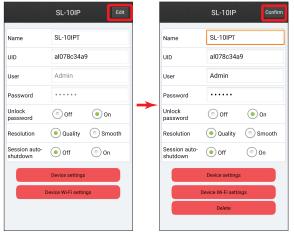


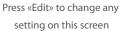


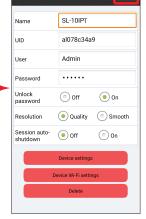












Press «Confirm» to save all the settings



Incoming call notification

Notes:

Disable door pannels or cameras monitoring for the current device before trying to change any settings or

Disable current device notification to access such parameters as «Delete» or «Device settings».

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 reccomendations 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.