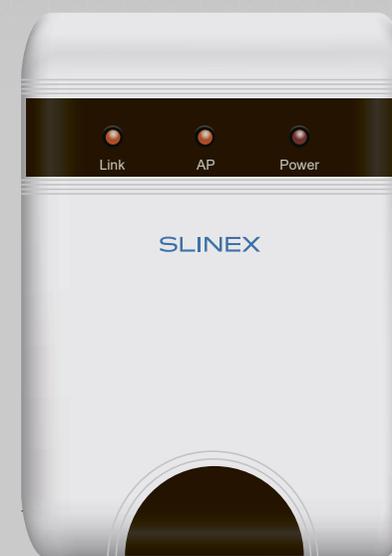


SERIES  
ACCESSORIES

XR-30IP

IP converter



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](http://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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### Table of contents

1. Device functions .....	2
2. Package .....	3
3. Specification .....	3
4. Description .....	4
5. Installation .....	5
5.1 Cable requirements .....	5
5.2 Schematic diagrams .....	6
5.3 Unit mount .....	7
6. Software .....	8
6.1 Creating account .....	8
6.2 Wired network connection steps .....	8
6.3 Wireless Wi-Fi network connection steps .....	10
6.4 Operation .....	12
6.5 Notification messages .....	13
7. Limited Warranty .....	14

### 1. Device functions

XR-30IP main function is to connect 4-wire door panels to the local network and internet. This function enables to answer incoming calls from the door panel, view the image from the door camera, talk to visitors and open lock from mobile devices, tablets or personal computers.

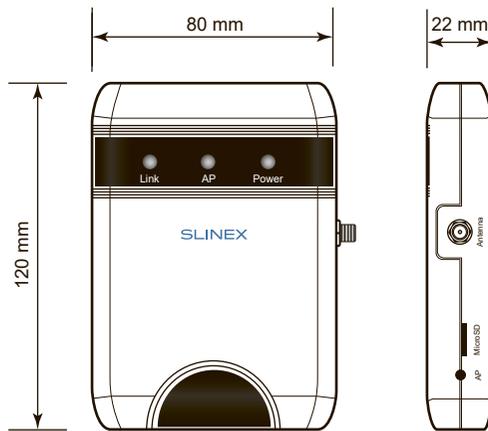
One door panel and door monitor can be connected to XR-30IP converter. It provides a possibility to use this converter in systems where door panel and monitor are already installed for more convenient communication with the visitors.

XR-30IP converter can be connected to the local network by wired (twisted pair) or wireless (Wi-Fi) connection.

### 1. Package

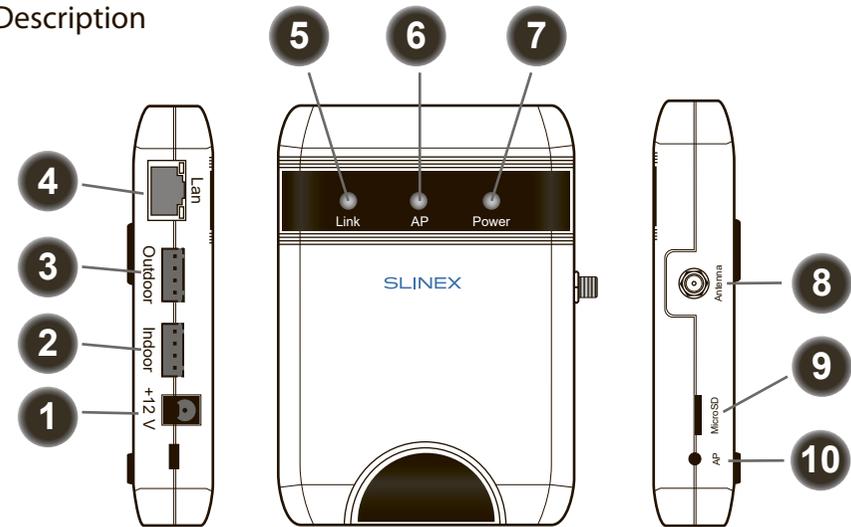
- XR-30IP converter – 1 pc.
- Power supply – 1 pc.
- Connection wires – 2 pcs.
- Mounting screws and nuts – 1 pkg.
- User manual – 1 pc.

### 2. Specification



Video system	PAL/NTSC
Power consumption (standby mode)	2 W
Power consumption (working mode)	5 W
Power supply	External, +12 V, 1 A
Network interface	Ethernet 10/100M, Wi-Fi
Memory	MicroSD card slot, up to 32GB
Working temperature	-10...+55 °C
Mount type	Surface mount
Size	80×120×22 mm

### 4. Description



1	DC power supply input +12 V, 1 A
2	Indoor monitor plug
3	Outdoor panel plug
4	Local area network RJ-45 plug (10/100M base T Ethernet)
5	Network LED. If device is connected to wired or wireless Wi-Fi network then LED is active.
6	«Access point» mode LED. If «Access point» mode is active then LED is blinking.
7	Power LED. If the device is powered up then LED is active.
8	SMA plug for the external antenna connection.
9	MicroSD card slot
10	«Access point» mode button. Push and hold that button until «Access point» mode LED becomes active. «Access point» mode will be activated after reboot for 10 minutes.

## 5. Installation

### 5.1 Cable requirements

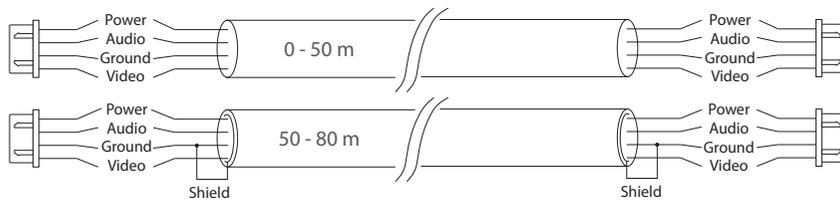
Disconnect all power cables before device installation.

XR-30IP connects into breakup between door monitor and door panel.

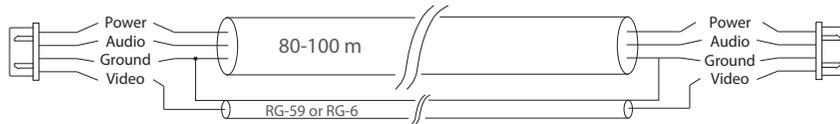
This device can be connected with such cable types depends on the distance between door monitor and door panel:

a) Use 4-wire cable with such parameters:

- distance up to 25 meters use a cable with 0,22 mm<sup>2</sup> square of one wire;
- distance 25 to 50 meters use a cable with 0,41 mm<sup>2</sup> square of one wire;
- distance 50 to 100 meters use a cable with 0,75 mm<sup>2</sup> square of one wire.

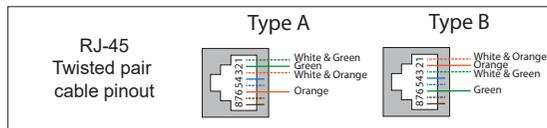


b) If the distance between door monitor and door panel is between 80 and 100 meters then use a 3-wire cable with 0,75 mm<sup>2</sup> square of one wire and RG-59 or RG-6 coaxial cable for the video signal.



c) Local network connection should be made with shielded or non-shielded twisted pair:

- distance up to 25 meters non-shielded twisted pair can be used;
- distance 25 to 100 meters shielded twisted pair should be used.



Also, wireless Wi-Fi connection can be used for the local network. In that case, there is no need to use twisted pair cable. Instead of twisted pair cable, use Wi-Fi antenna connected to the SMA plug of the IP converter.

### 5.2 Schematic diagrams

Diagram 1. XR-30IP door panel and monitor connection.

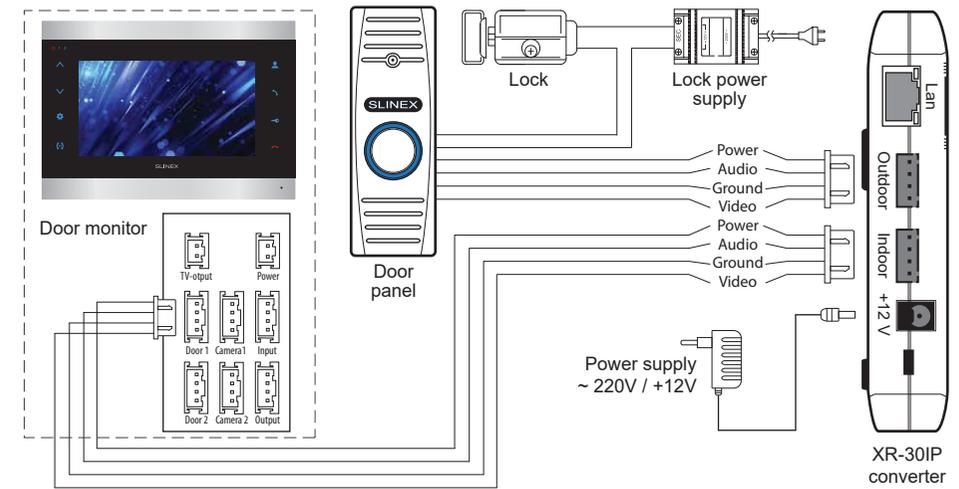


Diagram 2. XR-30IP network interface connection by the wired method.

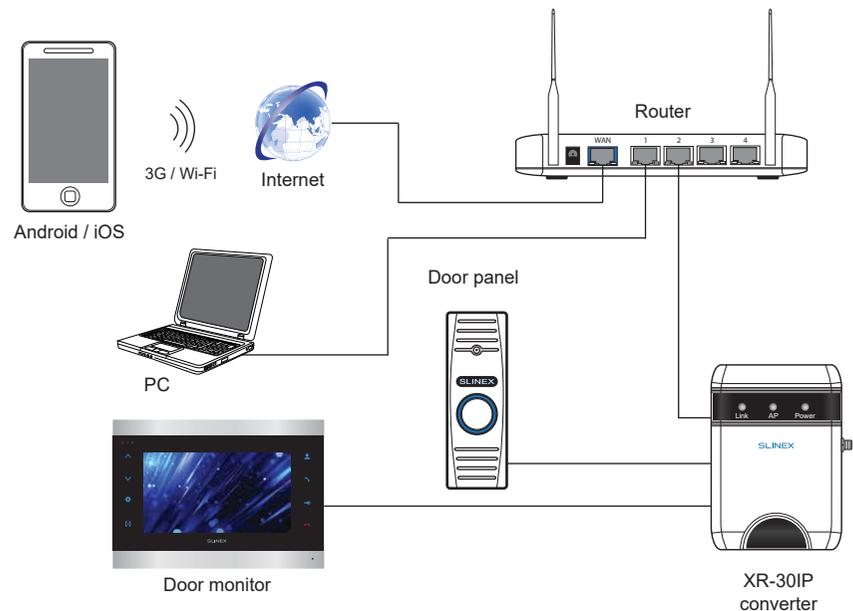
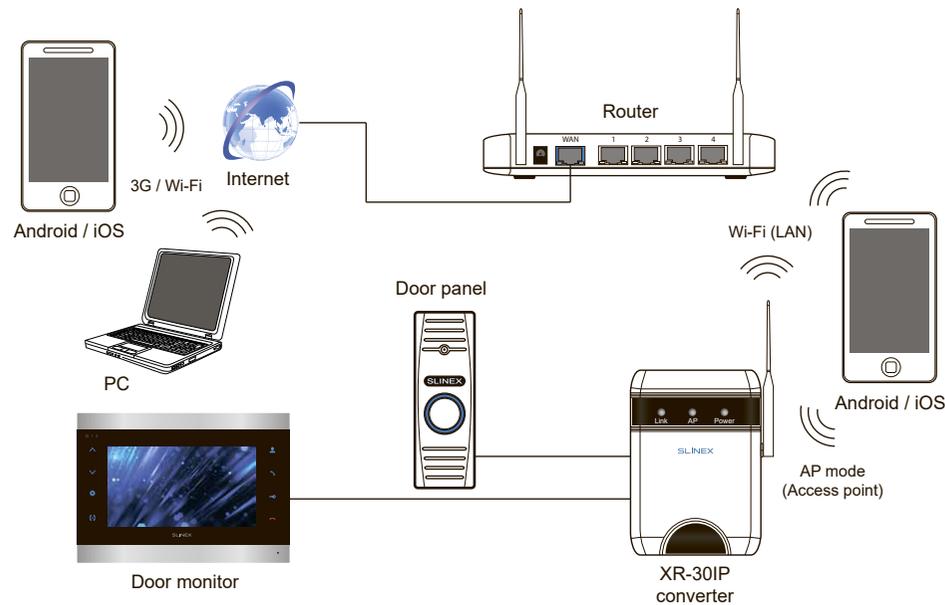
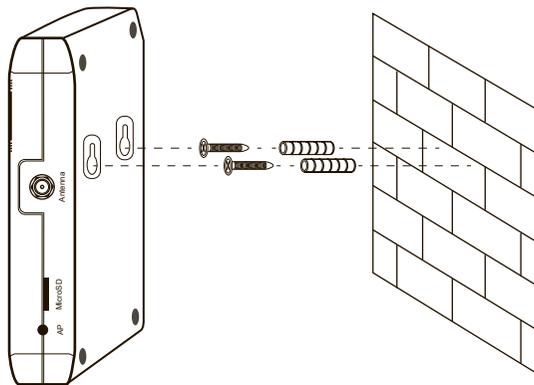


Diagram 3. XR-30IP network interface connection by wireless method.



### 5.3 Unit mount

- 1) Mark and drill two holes in the wall.
- 2) Take two nuts from the kit and hammer them into the drilled holes.
- 3) Fix XR-30IP on the wall by the screws from the kit.
- 4) Connect all communication wires to the IP converter.



## 6. Software

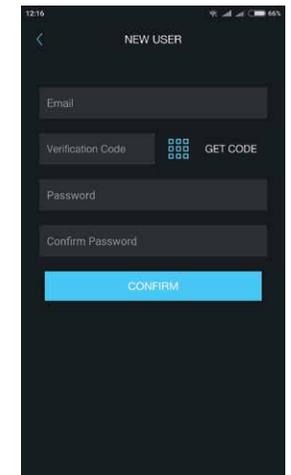
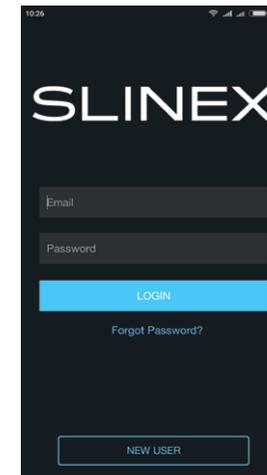
Enter «Google Play» (for Android) or «Apple App Store» (for iOS) and search for «Cloud Call» application, then install this application on your mobile device.



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](http://www.slinex.com)

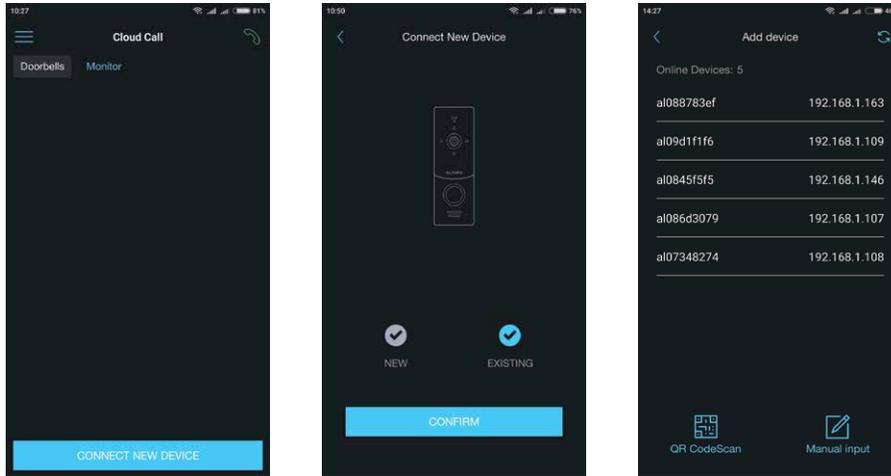
### 6.1 Creating new account

- 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.



### 6.2 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;



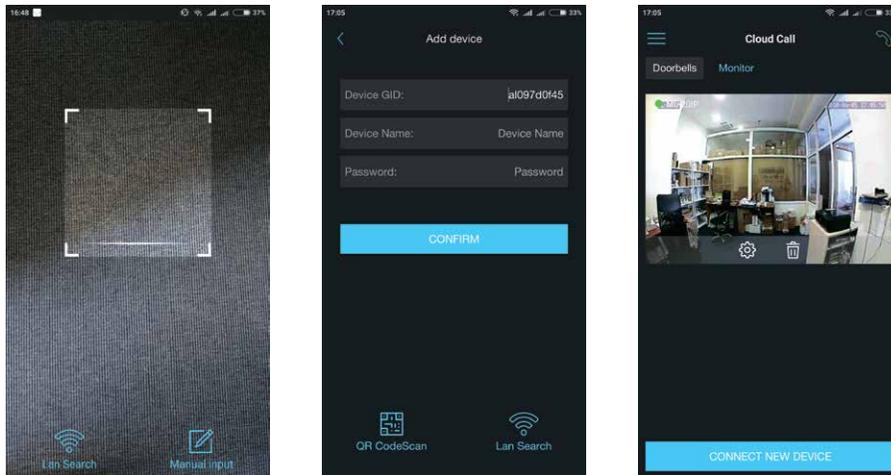
- 5) Tap on UID in the left column, corresponding to the device sticker or press «QR CodeScan» button and then scan QR code on your device sticker if device UID isn't in the list;
- 6) Fill in device information:

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

**Device Name:** any name you like;

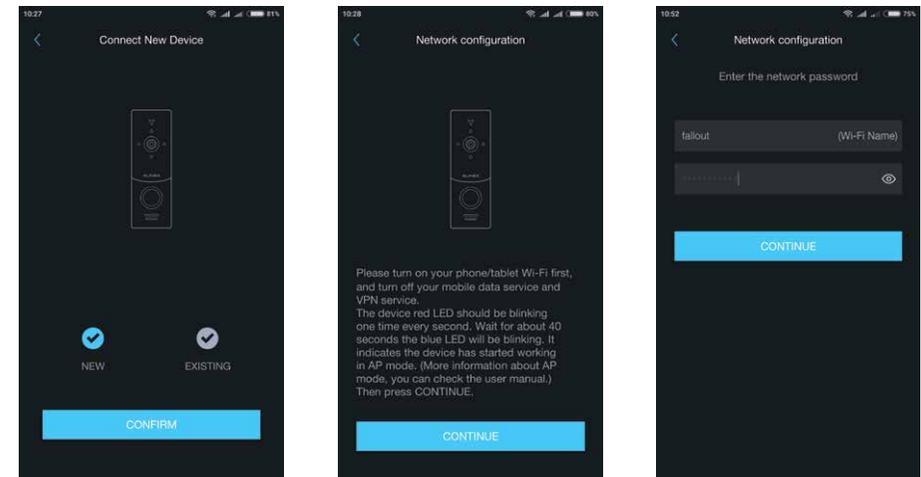
**Password:** 888888 (by default);

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



### 6.3 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) On the converter enter into «Access point» mode following next steps: press&hold «AP mode» button on the right side of the converter until blue AP LED will be activated. Then release «AP mode» button and converter will be rebooted. After a minute converter will enter «Access point» mode, indicated by AP LED;
- 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;



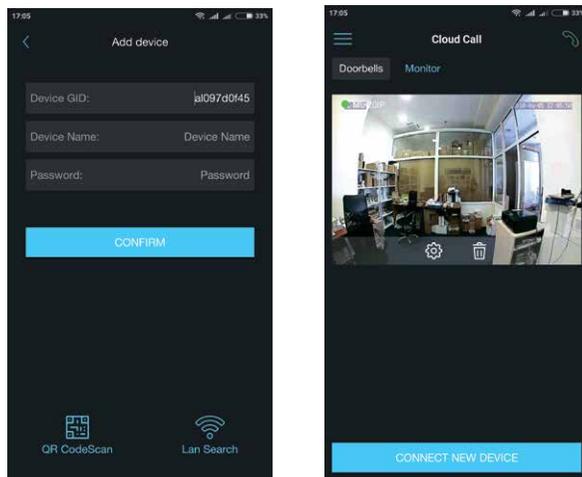
7) Fill in device information:

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

Device Name: any name you like;

Password: 888888 (by default);

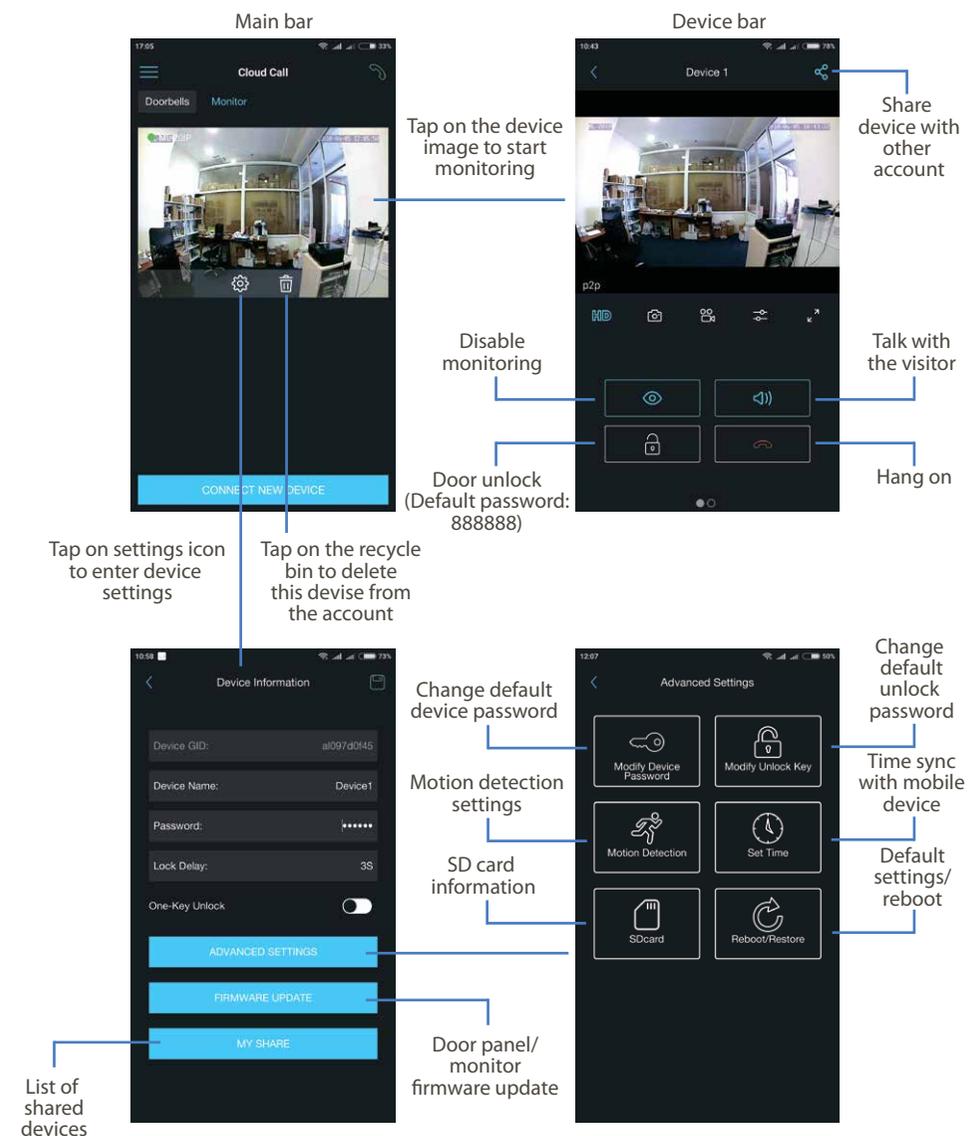
then press «CONFIRM» button and you will see added device on the main bar.

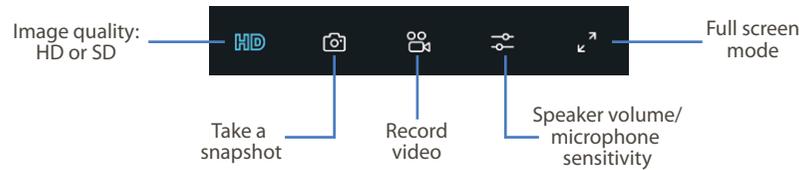


Notes:

- 1) If there is no LAN cable connected to the converter on the first boot then it automatically goes into «Access point» mode and you can skip 4<sup>th</sup> step of section 6.3.
- 2) If device is already added to some account, you can't add it to another one, only can share it with other account.

6.4 Operation





**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.

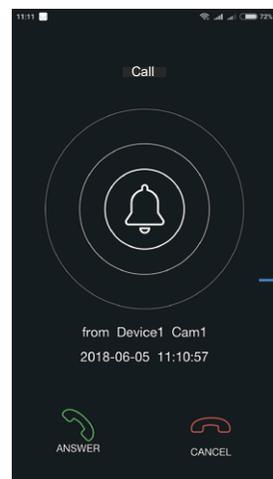
**8.5 Notification messages**

Press button to activate notification messages preset.

**Home mode** – notification messages are disabled;

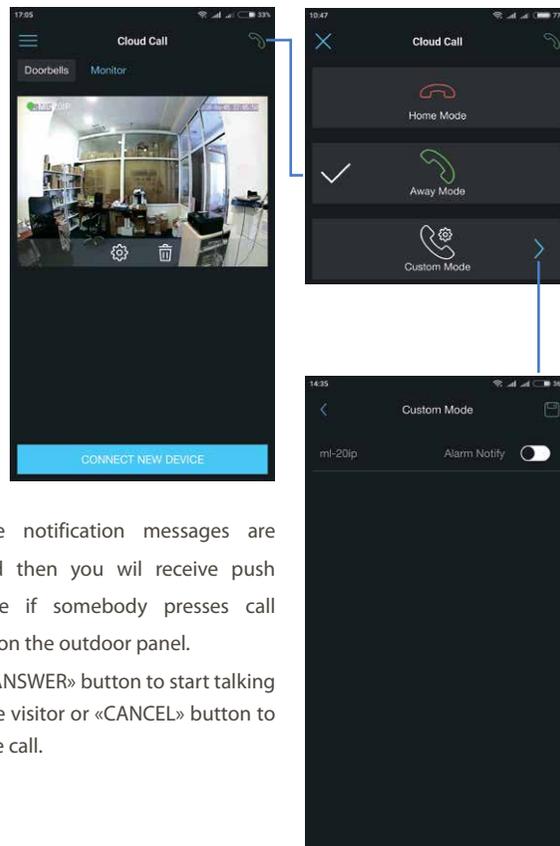
**Away mode** – notification messages are enabled;

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



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.



**7. 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.