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## FVP-2020IP

IP video doorbell  
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](http://www.slinex.com)

## Safety instructions

Please read and keep that manual.

The device installation process should be carried out by the qualified specialists.

Use the device from the  $-40^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ , 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 tissues to remove strong dirt.

## 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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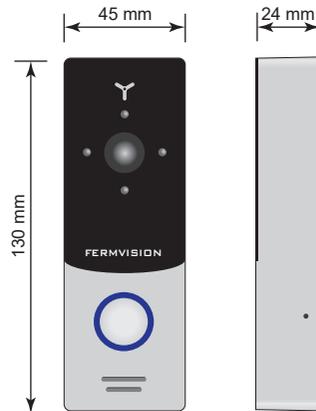
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## 1. Package

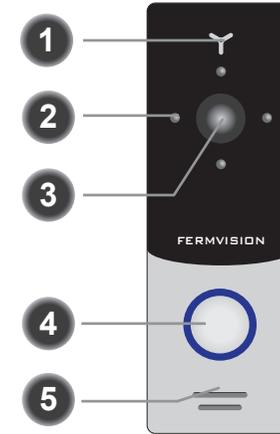
- Video door station FVP-2020IP – 1 pc.
- Angle bracket – 1 pc.
- Surface mount bracket – 1 pc.
- Rain shield – 1 pc.
- Flush mount bracket – 1 pc.
- Power supply – 1 pc.
- External Wi-Fi antenna – 1pc.
- Mounting screws and nuts – 1 pkg.
- User manual – 1 pc.

## 2. Specification

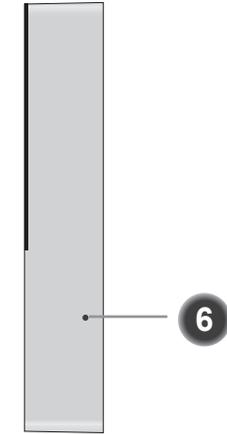


Sensor type	1/4" CMOS with mechanical IR cut filter
Sensor resolution	1,0 Mp
View angle	145°
Backlight type	Infra-red, 1 m. distance
Voltage	+12 V
Lock relay continuous current	1A
Power consumption	Maximum 3 W
Mounting type	Surface or flush mount
Size	45×130×24 mm
Working temperature	-40 ... +50 °C

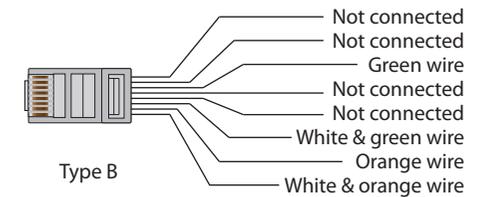
## 3. Description



1	Microphone
2	Infra-red night backlight
3	Video camera
4	Call button
5	Speaker
6	Rain shield mounting hole



Network RJ-45 connector



Connection wires color code for FVP-2020IP door station

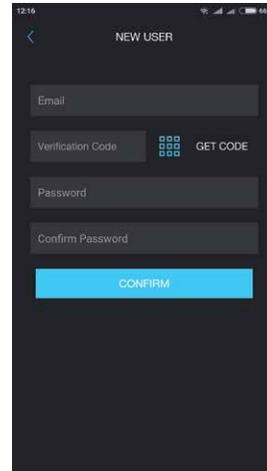
White & green	Network, white & green wire
Green	Network, green wire
White & orange	Network, white & orange wire
Orange	Network, orange wire
Red & White	Power, +12 V
Black	Ground
Red	N/A
Yellow	N/A
White	N/A
Brown	2 wires for the lock connection
Grey wire with SMA connector	External Wi-Fi antenna

## 4. Download App

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

### 4.1 Create a new account

- 1) Start «fermaxausIP» 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; (Emailed activation code may take up to 15min to arrive)
- 4) Fill in «Password» and «Confirm Password» boxes and press «CONFIRM» button to create new account.

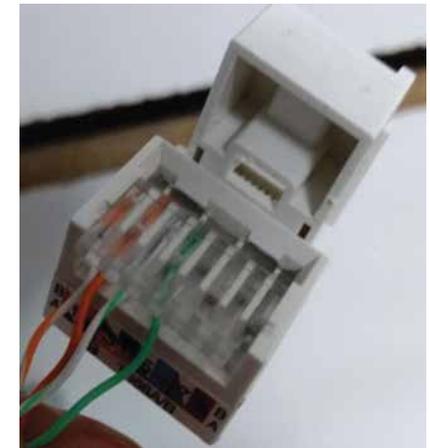
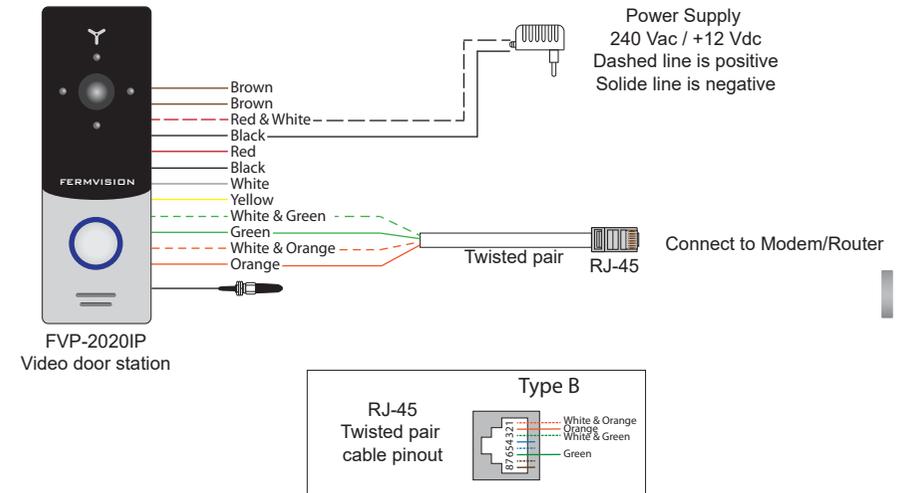


## 5. Installation

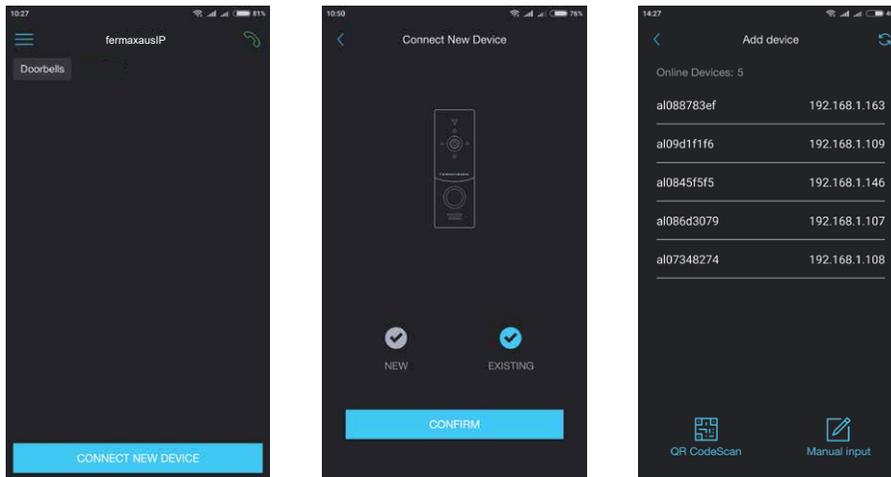
### 5.1 Wired Connection

Disconnect all power cables before device installation.

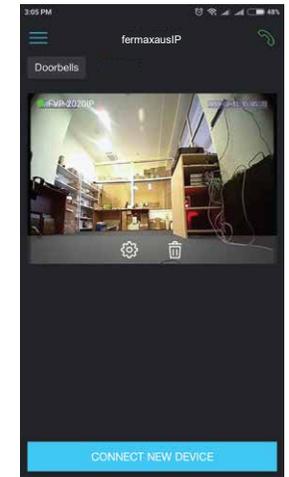
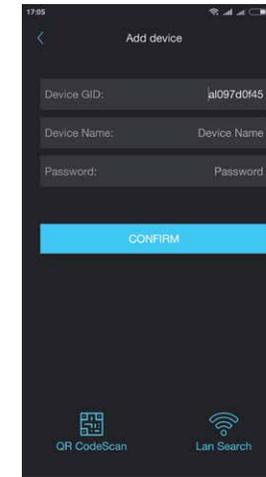
For lock wiring refer to section 6



- 1) Use CAT5 or CAT6 cable to connect the device to the rmodem/router then power up the device;
- 2) If there is no LAN cable connected to the device on boot up it will automatically go into Wireless AP mode  
Wireless AP mode is identified by 1 beep 1 blink every second.
- 3) Connect mobile device into the same local network;
- 4) Press «CONNECT NEW DEVICE» button, then choose «EXISTING» check box and press «CONFIRM» button;
- 5) New devices search will be applied and you will see the list of the devices, connected to the local network;

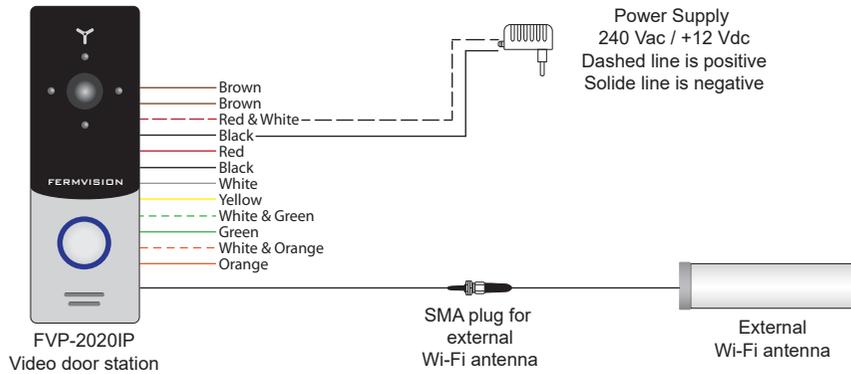


- 6) Select your device from the list corresponding to the device sticker or press «QR CodeScan» button and then scan QR code on your device sticker if device UID isn't in the list;
- 7) Fill in device information:  
 Device UID: unique identification number of the device (already filled);  
 Device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



## 5.2 Wireless Connection

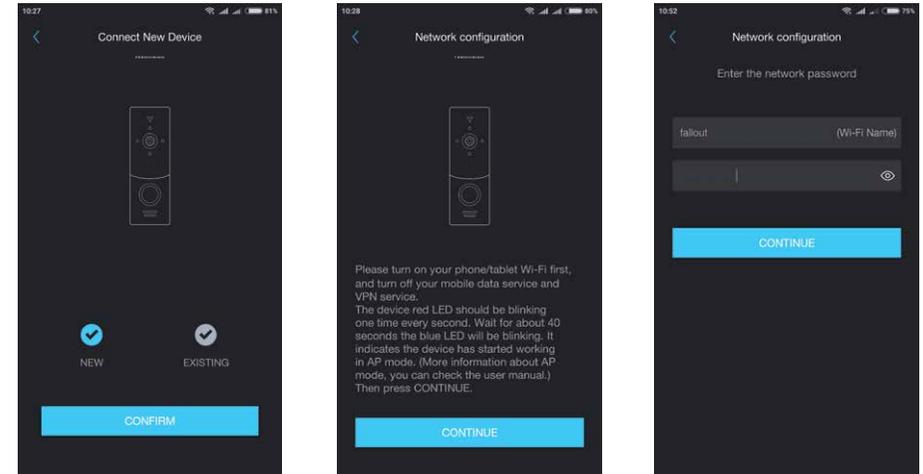
Disconnect all power cables before device installation.  
 Wireless configuration only works on 2.4GHz systems  
 For lock wiring refer to section 6



- 1) Connect mobile device into the Wi-Fi network you want to connect outdoor panel;
- 2) Disable 3G/4G internet connection on your mobile device;
- 3) Power on the device.
- 4) Wireless AP mode is identified by 1 beep 1 blink every second.
- 5) Press «CONNECT NEW DEVICE» button, then choose «NEW» check box and press «CONFIRM» button;
- 6) Press «CONTINUE» button on the mobile device screen to go to the next step;
- 7) Enter password of the Wi-Fi network which you want to connect to and press «CONTINUE» button;

Note: If the device was originally connected via CAT5/6 LAN cable follow the next steps;

Press&hold call button → first short «beep» sound → release call button and quickly press&hold it again → second short «beep» sound → release call button and quickly press&hold it again → third double «beep» → release call button → door station will be restarted and then after a minute you will hear constant «beeps» sound. It means the door station entered «Access point» mode.



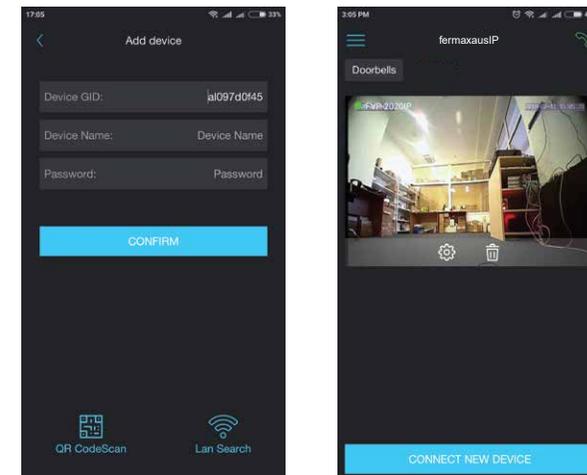
7) Fill in device information:

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

Device Name: any name you like;

Password: 888888 (by default);

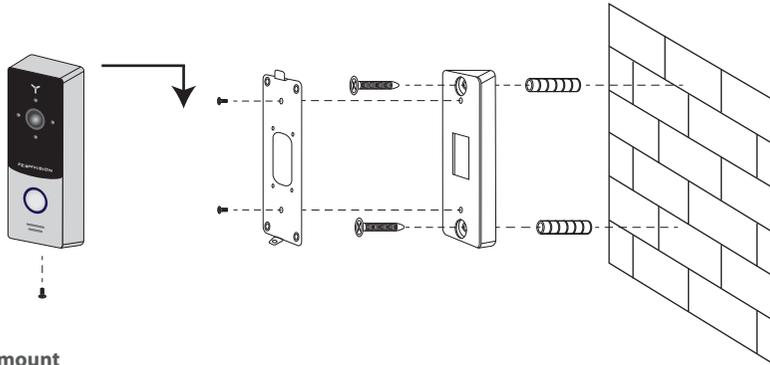
then press «CONFIRM» button and you will see added device on the main bar.



## 5.3 Unit mount

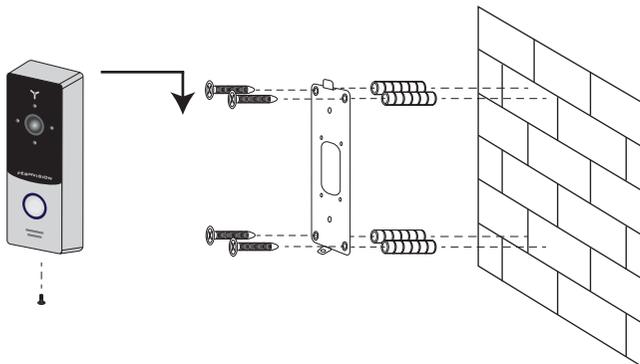
### Angle bracket mount

- 1) Take the angle bracket from the kit and place it 150-160 cm from the floor line.
- 2) Mark and drill two halls in the wall.
- 3) Take two wall anchors from the kit and hammer them into the drilled halls.
- 4) Fix the angle bracket on the wall by the screws from the kit.
- 5) Then fix surface mount bracket over the angle bracket by two bolts from the kit.
- 6) Connect all communication wires and fix the door station on the surface mount bracket by one bolt from the bottom side.



### Surface 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 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 door station on the surface mount bracket by one bolt from the bottom side.



## 5.4 Operation

**Main bar**

- Tap on the device image to start monitoring
- Tap on settings icon to enter device settings
- Tap on the recycle bin to delete this device from the account

**Device bar**

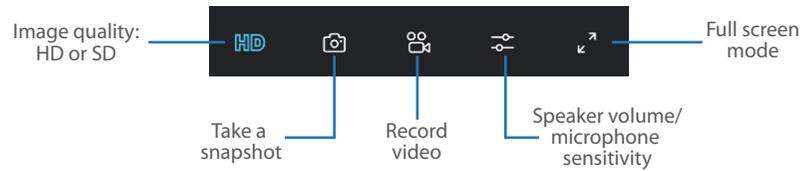
- Share device with other account
- Talk with the visitor
- Hang on
- Door unlock (Default password: 888888)
- Disable monitoring

**Device Information**

- List of shared devices
- Change default device password
- Motion detection settings
- SD card information
- Door panel/monitor firmware update

**Advanced Settings**

- Change default unlock password
- Time sync with mobile device
- Default settings/reboot



**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.

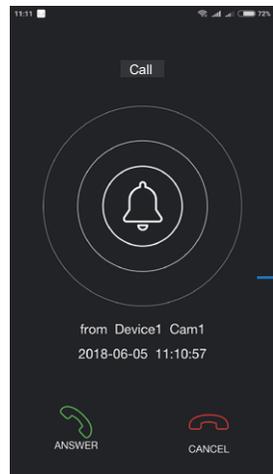
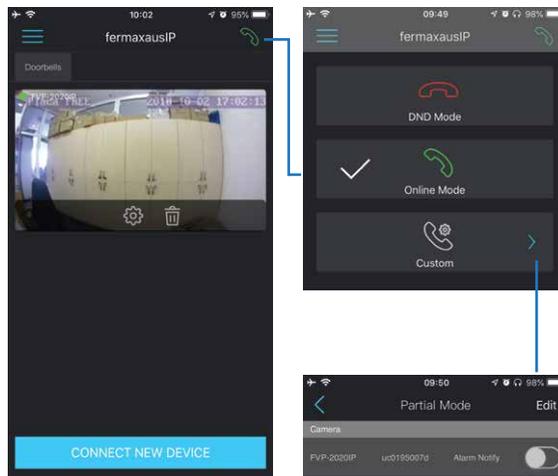
### 5.5 Notification messages

Press  button to activate notification messages preset.

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

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

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



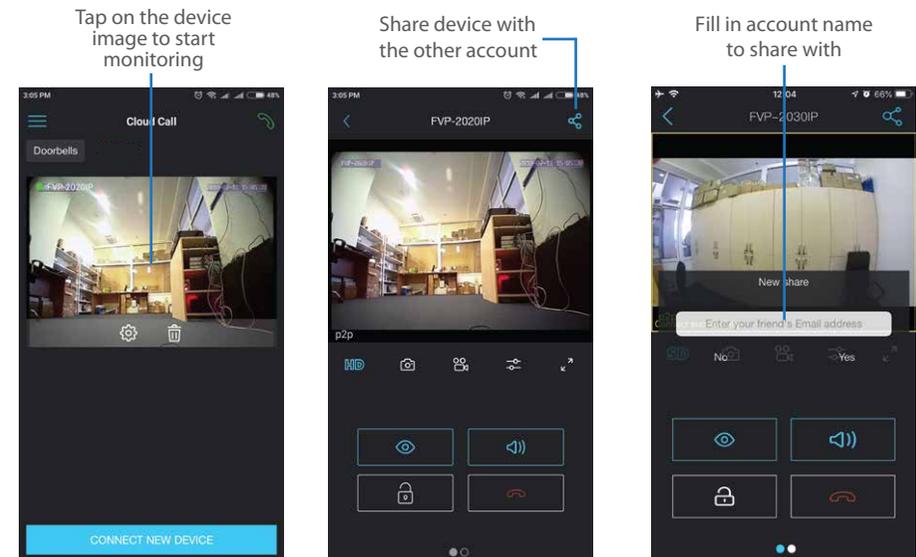
In case notification messages are enabled then you will receive push message if somebody presses call button on the outdoor panel.

Press «ANSWER» button to start talking with the visitor or «CANCEL» button to stop the call.

### 5.6 Share with other devices

The account, device was added the first time, is master account. This account has master permissions and can change all the settings. If several mobile phones are going to be used with the same device then account should be created on every mobile phone. Here are the steps to add the same device on several mobile phones:

- 1) Create an account on the first mobile phone application and add your device. This mobile phone will have a master permissions for that device;
- 2) Create an account on all other mobile phones which the same device is going to be used;
- 3) Start device monitoring on master mobile phone and then press «Share» icon in the right upper corner of the screen;
- 4) Fill in account name of the mobile phone which current device will be shared. In a few moments device will appear on the second mobile phone application. Note that all other mobile phones except master can only talk with the visitor, view the image and open lock. Changing device settings is not available on the slave mobile phones.
- 5) In the same way add all other mobile devices into sharing list.



6. Lock Wiring

