IPC Router

Make wired NVR to be the wireless

- Make a wired NVR system same effect as a wireless NVR, support the wireless ip camera
- Support wireless repeater function
- Support 2.4G wifi IPC
- Quick matching code
- Indicate the signal status of each IPC
- Voice comment is available in matching code

1 Product Appearance

❶ **Indicator light**---Indicate the signal status of each IPC
❷ **Match Code/reset button**---press 3s and start matching code
❸ **Speaker**---Warning tone when matching code
❹ **Power**---Power supply
❺ **Network port**---Connect to NVR/switch
❻ **Antenna**---To receive wifi signal
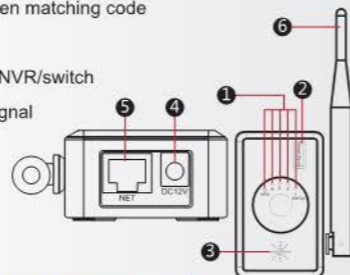
2 Dimension & Specification

| WIFI	802.11b/g/n 2.4G	
Capacity	4 Wireless IPC	
Indicator	5 LED indicators, 4 for IPC signal state, 1 for NVR connection state	
Interface	1 x RJ45 100Mbits network interface	Match code with IPC, Video output
	1XReset button	One key to match code, reset
	1 x 12V Power supply	Power supply for the router
Dimension	74x31x186 MM	

3 Operation Guide

1 Wired Matching Code

Use a network cable to connect router and camera. Use switch to match code for muti Cameras at a time,Press the button of reset key on router for 3 seconds to match code according to voice warning. When voice indicates the success of matching code, it means the camera has been matched code successfully. (To restore factory settings by pressing the button 10 Seconds).

Power port
Network port
Button to match code
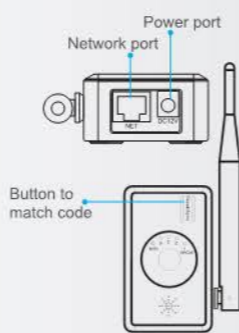
2 Router Indicator Light

This router has 5 LED indiators totally, the right one is wired network indicator, Light-on means router connects with wired network. 4 lights on left side indicate numbers of wireless cameras connected. 4 lights are on while 4 cameras are connected successfully.

IPC indicator light
Wire network light
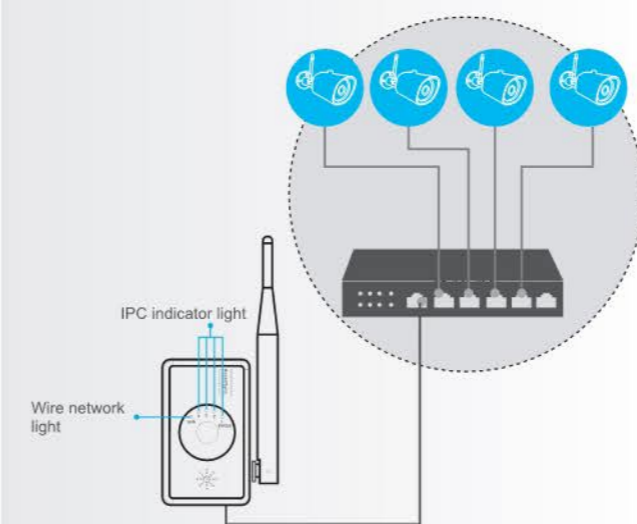
3 Connect NVR Through ONVIF

After wireless cameras match code with IPC router successfully, use a network cable to connect IPC router and NVR/DVR. Search and add wireless cameras on NVR/DVR. These cameras have IP self-adaption function. Don't worry about the issue of different network segment.
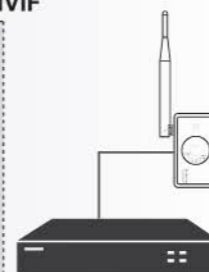
4 Connect NVR Through N1

After matching code successfully, use a network cable to connect the router and NVR. Right click the mouse→video management →refresh, search wireless IPC and IP address of router (router IP defaults to 192.168.1.198), click one key to add or "add "to add wireless IPC on NVR, If show of different segments, please use onekey to add. (as shown in Figure 1)
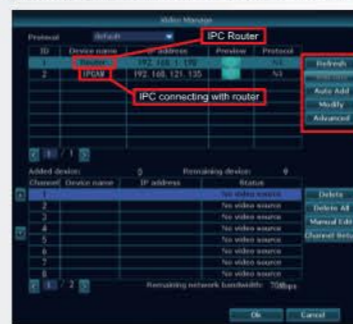
▲ Shown in Figure 1

In the searching result of video management on GUI, double click "router" (as picture 1 shown), and enter into the management interface of IPC router. Can check the information of IPC router and change WIFI channel of IPC router.

Shown in Figure 2 ▲

5 Repeater Set up

IPC router can use as a repeater in a wireless NVR system. First step :connect the IPC router with NVR by cable. second step: Then searching the IPC router in video management page, Double click "router", then click match bottom to finish match code.
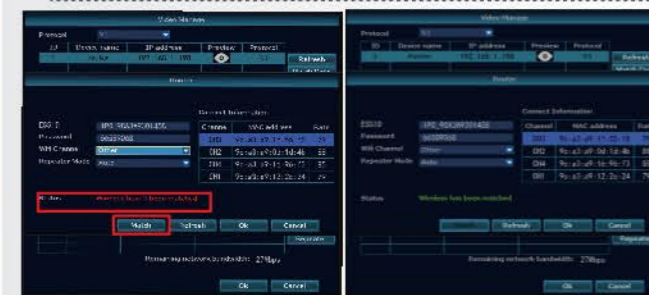
▲ Disconnected with IPC router   ▲ Connected with IPC router

After match code, disconnected the cable and search IPC router again at video management page .Put the camera nearby NVR, open repeater set up widows(right click→video management→ repeater set up),Click the "+ "bottom next to router to finish add camera.Click apply, channel 1 and channel 2 will be connected to the IPC router.

▲ Shown in Figure 5
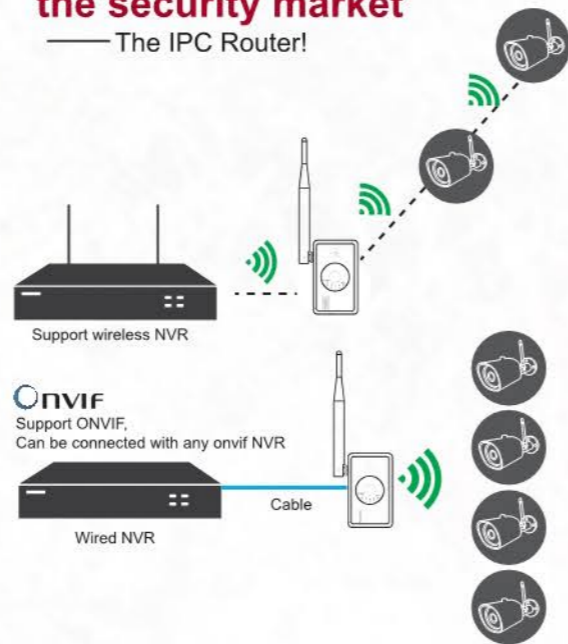
▲ Shown in Figure 6

6 FAQ

A: When install several IPC routers at the same place, and wireless cameras are very close to IPC router, only about 10 meters, but the image is very slow, and cameras are offline and can't connect again very often. What happen?

Q: This is due to the co-interference of several IPC routers based on the same WIFI channel. There are 4 WIFI channels which are not interferential: 1, 6, 11 and other. If there are 4 IPC routers at the same place, then WIFI channel of different IPC router can be setup as 1, 6, 11 and other. The principal of WIFI channel setup is that IPC routers with same WIFI channel should be separate as far as possible, not overlap. Don't recommend to use IPC router at population centers.

5 Quick Operation Guide

Should install on a wall which have a certain thick and can support at least triple the IPC router weight.

A magical lever to move the security market
—— The IPC Router!

Support wireless NVR

ONVIF
Support ONVIF,
Can be connected with any onvif NVR

Wired NVR
Cable

Application Scenarios

Open Area

Indoor Refit

In Elevator
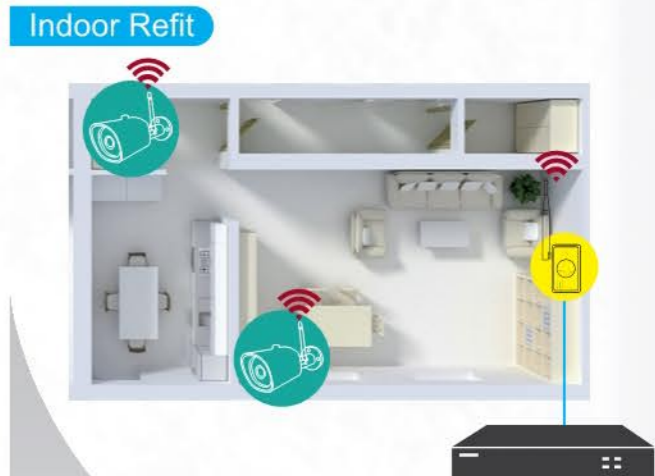
Install in Courtyard

In a Galley

Machine Room

Refit in multi-channel wireless system

Wired NVR   Switch
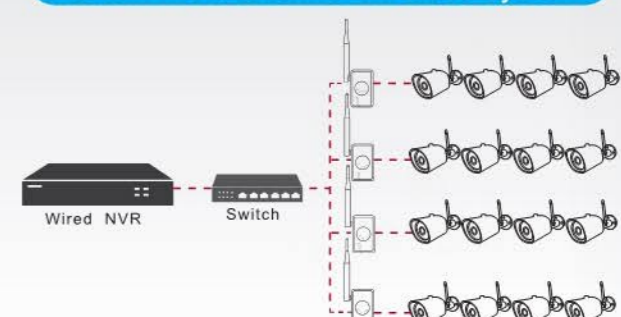
Each IPC router can connect 4 cameras at most