



Milesight-Troubleshooting

IPC Port Forwarding

Camera Version	XX.6.0.49	Update	2016.8.31
Camera Version	XX.8.0.1	Update	2022.4.18

To watch the live view of IPC remotely, you need to do port mapping for your IPC.

You need to configuration these three port:

HTTP port	80
RTSP port	554
Playback port	555

❖ You can modify the port number to any number if it is not conflict.

There are two kinds of port mapping, Virtual Servers is applicable to the case of more than one IPC connected to the router needed to be shared. DMZ is mainly suitable for only one IPC.

※Virtual Servers

For example,

IPC IP	192.168.1.161
Router LAN IP	192.168.1.1
Router WAN IP	117.29.166.6

- 1: Make sure your TP-Link router and the IPC are in the same network segment.
- 2: Login the IPC web management, change the HTTP port number to 8081. Change the RTSP port to 5554 and Playback port to 5555.

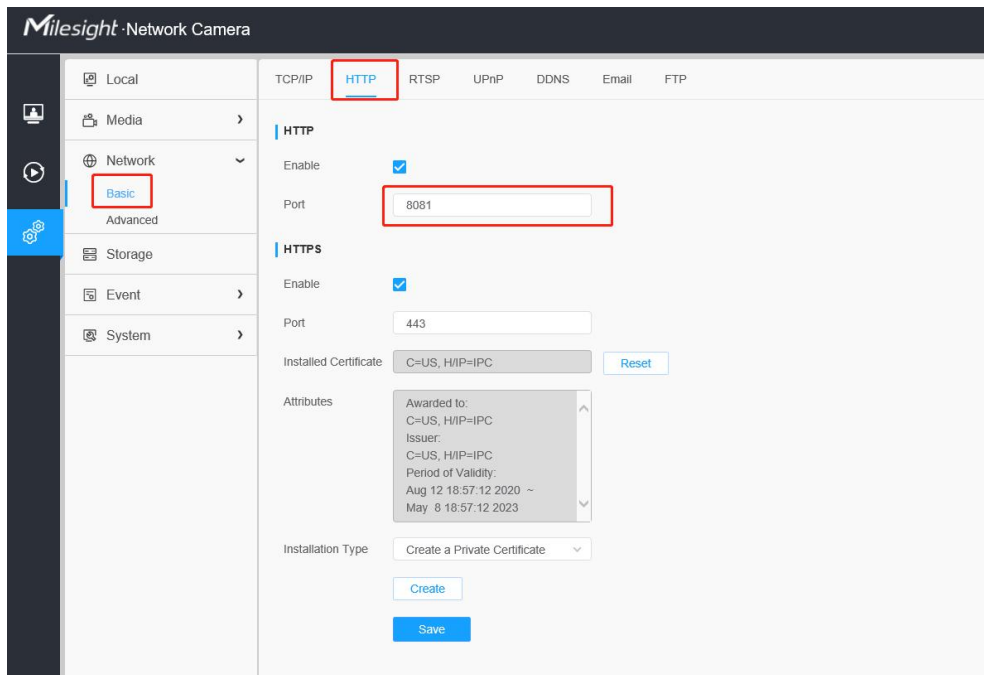


Figure 1 Network setting of IPC

3: Access the router's IP address "192.168.1.1". The default User name and Password is usually 'admin'.

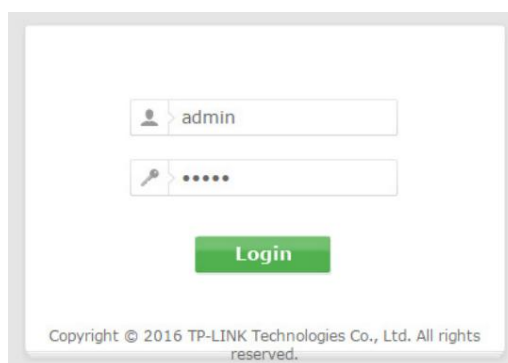


Figure 2 Router log in

4: Once logged into your router, follow the tips below. Fill in the following information:

Forwarding

- Virtual Servers
- Port Triggering
- DMZ
- UPnP

Virtual Servers

ID	Service Port	Internal Port	IP Address	Protocol	Status	Modify
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Add New... Enable All Disable All Delete All

Add or Modify a Virtual Server Entry

Service Port: 8081 (00-XX or XX)

IP Address: your IPC/NVR IP

Protocol: ALL

Status: Enabled

Common Service Port: --Select One--

Save Back

Figure 3 Virtual Servers settings

5: The same as HTTP, add a new rule of RTSP/Playback.

※DMZ

In some special cases, we need to fully expose a local area network computer to the WAN, we can set the device as DMZ mode. So enable the DMZ mode in the [DMZ], input the IP of the IPC to make the DMZ work. In this way, computer with internet can visit all the ports of the IPC by entering the router's WAN IP.

DMZ

Current DMZ Status: ☒ Enable ☐ Disable

DMZ Host IP Address: your IPC/NVR IP

Save

Figure 4 DMZ setting

Check out:

Visit the WAN IP <http://117.29.166.6:8081>, so that you can visit the IPC of 192.168.1.161 in this LAN.

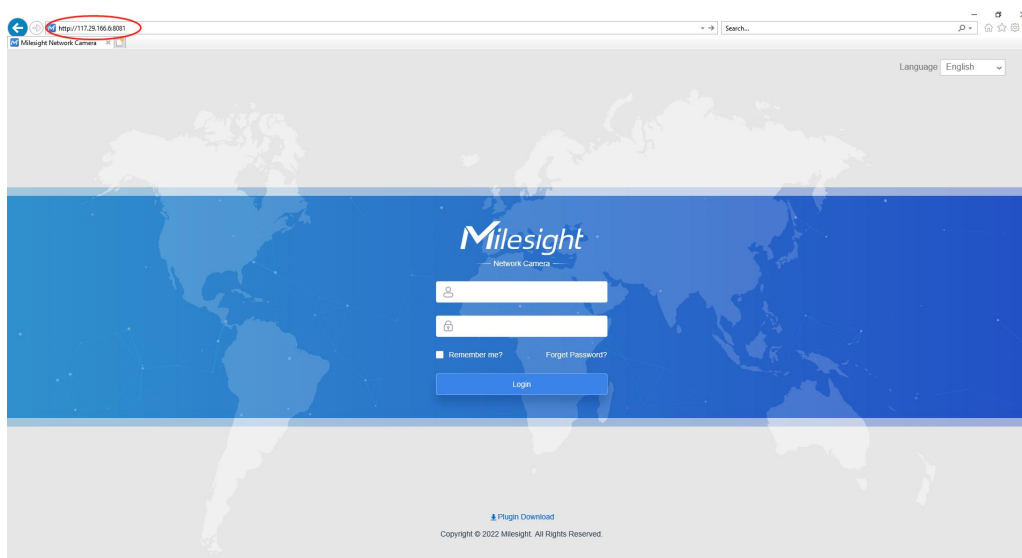


Figure 5 Testing

Add the WAN IP for example <http://117.29.166.6:8081>, to your m-sight app, fill the 8081 to the port. So that you can visit the IPC of 192.168.1.161 on your phone.

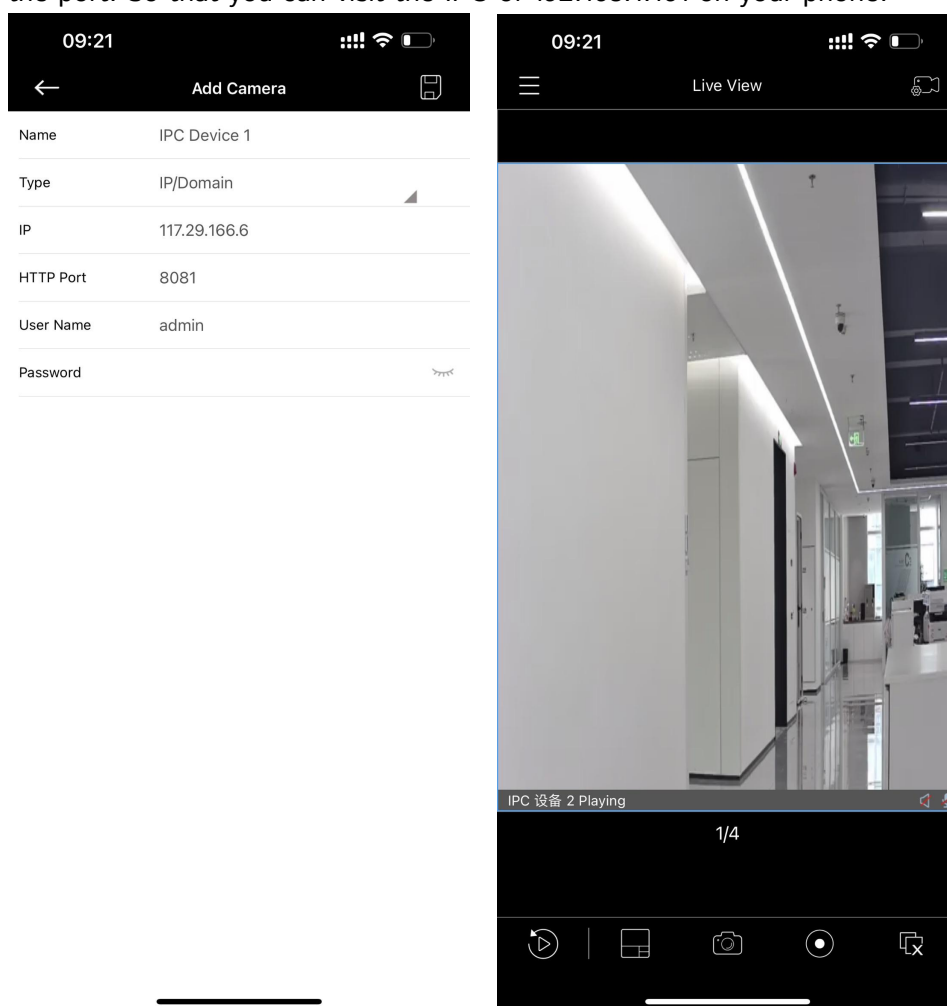


Figure 6 App testing

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