

Milesight-Troubleshooting NVR Port Forwarding

Milesight Technology Co.,Ltd.



NVR Version	XX.8.0.6	Update	2018.7.25
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To watch the live view of NVR remotely, you need to do port mapping for your NVR. It is worth mentioning that there are some different from old version and 4K NVR.

	4K H.265 series NVR	Standard edition NVR
	(model ending with "UH")	(model ending without "UH")
Default HTTP port	80	80
Default RTSP port	554	554
Default Service port	-	1100

The Service port is used for provide service to mobile devices.

- You can modify the port number to any numbers if it is not conflict.
- For 4K H.265 series NVR , the Service port is integrated to HTTP port.

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

XVirtual Servers

Take the 4K NVR For example,

NVR IP	192.168.1.161
Router LAN IP	192.168.1.1
Router WAN IP	117.29.166.6

- ✓ 1: Make sure the NVR is connected to your router.
- ✓ 2: Login the NVR web management, change the HTTP port number to 8081. Change the RTSP port to 5554.

€ €	http://192.168.7.101/html/index	.html						- ♂ 搜索	
M Setting	is X 📑	1							
#	Milesight	Network						10	
=	Local Configuration	Basic	UPnP	DDNS	Email	P2P	SNMP	HTTPS	More
Live View	Camera	Channel Access	Enable	\sim					
9	Record	Push Message Enable	Enable	\sim					
Playback	Event	Enable SSH	Enable	\sim					
X	System	SSH Port	22						
octangs	General Settings	HTTP Port	8081						
쑸	Network	HTTPS Port	443						
Status	Disk Management	RTSP Port	5554						
	Holiday								
Logs	User	Save							
Ð	Maintenance								
Logout									

Figure 1 Network setting of NVR



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

1		admin
	p	
		Login

Figure 2 Router log in

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

Virtual Servers	Virtual Servers	
Port Triggering		
OMZ	ID Service Port Internal Port IP Address Protocol Status Modify	
J PnP		
	Add New Enable All Disable All Delete All Add or Modify a Virtual Server Entry Sandes Bart	
	your IPC/NVRIP	
	Protocol: ALL	
	Status: Enabled	
	Common Service Port:Select One	

Figure 3 Virtual Servers settings

✓ 5: The same as HTTP, add a new rule of RTSP. If your device is not the 4K series, you need to add the Service port as well.

≫DMΖ

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

Current DMZ Status:	Enable O Disable	
DMZ Host IP Address:	your IPC/NVR IP	

Figure 4 DMZ setting





Check out :

Visit the WAN IP for example http://117.29.166.6:8081, so that you can visit the NVR of 192.168.1.161 in this LAN.



Figure 5 Web testing

Add the WAN IP for example http://117.29.166.6:8081, to your M-Sight Pro app, fill the 8081 to the port. So that you can visit the NVR of 192.168.1.161 on your phone.

÷	Add NVR	
Name:	NVR Device1	
Туре:	IP/Domain	•
IP Address:	117.29.166.6	
Port:	8081	
User Name:	admin	
Password:		



Figure 6 App testing

