

<b>Title:</b>	How to check the port forwarding issue	<b>Version:</b>	v1.0	<b>Date:</b>	3/9/2017
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## How to check the port forwarding issue

### Step 1:

Run cmd in windows.



### Step 2:

Input: telnet+space+public IP of router+space+port of DVR

We need to check each port including 80/8000/554 in default.

Such like: telnet 220.181.111.148 80, if the port forwarding is successful, a black screen will pop up.

```
Microsoft Windows XP [版本 5.1.2600]
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C:\Documents and Settings\lixinyf4>ping www.baidu.com

Pinging www.a.shifen.com [220.181.111.148] with 32 bytes of data:

Reply from 220.181.111.148: bytes=32 time=33ms TTL=52
Reply from 220.181.111.148: bytes=32 time=32ms TTL=52
Reply from 220.181.111.148: bytes=32 time=32ms TTL=52
Reply from 220.181.111.148: bytes=32 time=32ms TTL=52

Ping statistics for 220.181.111.148:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 32ms, Maximum = 33ms, Average = 32ms

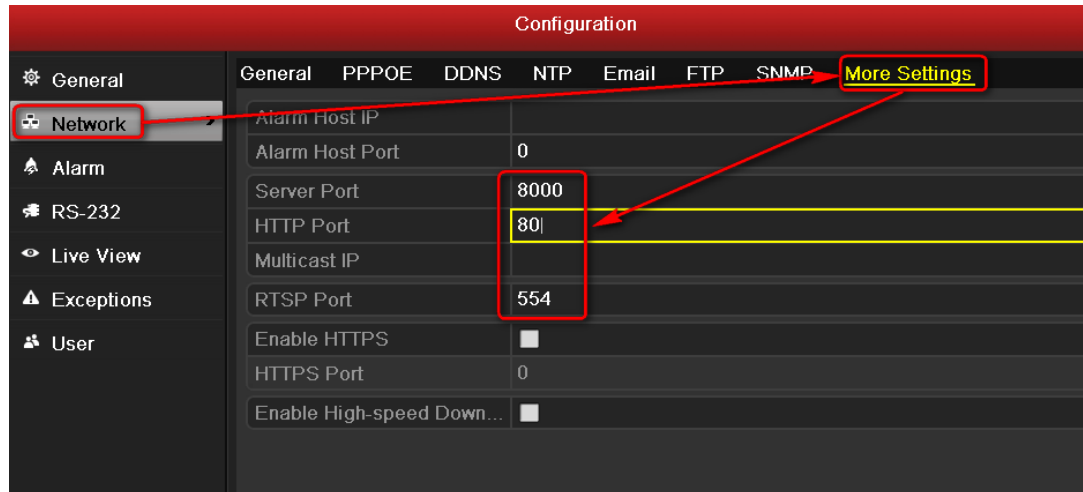
C:\Documents and Settings\lixinyf4>telnet 220.181.111.148 80
```



**Step 3:**

If some of the port forwarding is ok, but some of them is not successful. You can try to change the port in local menu of DVR, such as you can change 80 to 81, change 8000 to 8001, and change 554 to 1024. And then please do the port forwarding of this new port in route to have a test.

The port of DVR is in Menu>Configuration>Network>More settings:

**Step 4:**

If it still doesn't work, please check the UPNP function in router and DVR (Menu>Configuration>Network>UPNP). And then disable it.

**Step 5:**

Delete the existed port forwarding in router, reboot it and then do them again. If is still doesn't work, maybe you need check this issue with the internet provide whether they have forbidden the port forwarding function or let them help you to do this port forwarding.

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