

# Quick Network Connection Guide

## A. How to open TCP port on Router?

1. Connect network cable between DVR and Switch / Hub or Router.
2. Network setting on DVR are Port: 5445, IP ADDRESS: 172.16.1.52, Subnet: 255.255.0.0, Gateway: 0.0.0.0 as default.
3. From PC connected in the same Router, find IP address, Gateway, and Subnet by IPCONFIG command in command prompt. (Go to Start, then run type in cmd – this will bring up command prompt then type in ipconfig and hit enter)
4. But if IP is something else like 192.168.1.xxx., you should change IP address, Subnet, Gateway on DVR. Go to SETUP>SYSTEM>NETWORK of DVR and change the IP settings to be like IP: 192.168.000.XXX and Gateway: 192.168.1.1. (Refer to the user's manual of Router.)
5. Then, go to Router Setup and you should open TCP port 5445 using Port Forwarding. You can learn how to port forward many kinds of Routers from the below site.  
[http://www.portforward.com/english/routers/port\\_forwarding/routerindex.htm](http://www.portforward.com/english/routers/port_forwarding/routerindex.htm)

## B. How to access DVR from Remote PC?

- If DVR and Remote PC are in the same local network (LAN), then go to B-1.
- If DVR is in other Wide Area Network (WAN) and you will access with IP address, then go to B-2.
- If DVR is in other Wide Area Network (WAN) and you will access with DDNS service and Domain Name, then go to B-3.

### B-1. How to access DVR from Remote PC in the same local network?

1. Install network client software on CD.
2. Check the IP address from SETUP>SYSTEM>NETWORK of DVR.
3. Run network client software.
4. Click CONNECT button.
5. Click on DVR#0 and click modify, Input IP address, Port No., and USER ID/Password. And click OK
6. Click Connect
7. Click close

### B-2. How to access DVR from Remote PC with IP address?

1. User can find this external IP address of Router from the PC connected to the same Router where the DVR is installed from [www.myipaddress.com](http://www.myipaddress.com)
2. Install network client software on CD and run it or type IP address into Internet Explorer's address bar
3. Run network client software.
4. Click CONNECT button.
5. Click on DVR#0 and click modify, Input IP address, Port No., and USER ID/Password. And click OK
6. Click Connect
7. Click close

### B-3. How to access DVR from Remote PC with DDNS service when DVR is linked on Dynamic IP? (Refer to pages 103-114 for setting up DDNS on your DVR system)

1. Install network client software on CD and run it or type DDNS Name into Internet Explorer's address bar
2. Click CONNECT button.
3. Click on DVR#0 and click modify, Input DDNS Name, Port No., and USER ID/Password. And click OK
4. Click Connect
5. Click close