

Networking

Local Network Setup

Automatically Assign an IP address in to the DVR

All Zmodo DVR's have the capability of automatically assigning an IP address as long as the unit is connected to a router with an ethernet cord.

1) To auto assign an IP address in your DVR, access the **Main Menu** and go in to the **Network Settings**.

Select **DHCP** (auto assign IP) and select **Apply**. Restart the system after the setting has been saved.

Examples:

H9104V, H9108V, H9116UVDH

Networking

NETWORK

Network SubStream DDNS Email Mobile

Type	DHCP ▾
Client Port	09000
HTTP Port	00080
UPNP	Disable ▾

Default Apply Exit

H9114V, H9118V

Networking

The image shows a web-based configuration interface for networking. At the top, there is a navigation bar with icons and labels for System, Record, Video, Net (selected), Alarm, Maintenance, and Save. Below this, a yellow bar highlights the 'NETWORK' section, and a sub-section 'DHCP' is also highlighted. The DHCP settings are as follows:

Field	Value
IP ADDRESS	172 . 16 . 4 . 245
SUBNET MASK	255 . 255 . 255 . 0
GATEWAY	172 . 16 . 4 . 1
HTTP PORT	80
COMMAND PORT	5050
MEDIA PORT	6050

At the bottom of the interface, there is a 'Next page >' button and a note: 'Set the gain way of network address. It will take effect after being saved.'

H8114V, H8118UV

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NETWORK SETUP ✕

AUTO ASSIGN IP (DHCP) ENABLE UPNP

ETHERNET IP

NETMASK

GATEWAY

DNS

SERVER PORT HTTP PORT

DDNS SERVER ▼ MOBILE PORT

DOMAIN NAME

ACCOUNT PASSWORD

PPPOE AUTO STARTUP

PPPOE IP

ACCOUNT

PASSWORD

H9124V

Networking

TCP/IP TYPE **DHCP**

MEDIA PORT **09000**

WEB PORT **00080**

IP Addr 192.168.001.100

SUBNET MASK 255.255.255.000

GATEWAY 192.168.001.001

DNS1 172.016.004.010

DNS2 **192.168.001.001**

UPNP **ON**

DDNS SETUP **DEFAULT** **APPLY** **EXIT**

2) Once the DVR boots back up, go back in to the Network Settings and write down the IP address, Gateway (router's IP), and all port numbers. Keep this information for the Remote Network Setup.

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Checking Your Connection

3) Make sure the router is powered on.

4) Make sure the light on the router port that the ethernet cable is connected to is on.

5) Make sure the light on the DVR port is on.

6) Configure Internet Explorer on the computer that is connected to the router that the DVR is connected to using the procedures on this link: [HERE](#)

7) Open Internet Explorer and enter the IP address of the DVR, to make sure you can see the login screen. If you can, your DVR is successfully communicating with your router.

8) After the confirming your connection, go back in to the Network Settings and change the Type back from **DHCP** to **Static**. Add 20 to the last set of digits in the IP address. Input this new IP address, Gateway (router's IP), and all port numbers. Save the settings and restart the DVR. This needs to be set to Static, otherwise, if your power goes out, your DVR may end up with a different IP address than the one that we will forward later on.

Your DVR can now be viewed over your local network.

To view your DVR from outside of your local network visit the Remote Network Setup: [HERE](#)

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