

# **DVR Systems**

## **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

# DVR Systems

NETWORK

Display

Record

Search

Network

Alarm

Device

System

Advanced

Network

SubStream

DDNS

Email

Mobile

Type	DHCP
Client Port	09000
HTTP Port	00080
UPNP	Disable


Default

Apply

Exit

H9114V, H9118V

# DVR Systems



The image shows a web-based interface for configuring a DVR system. At the top, there is a navigation bar with icons and labels for 'System', 'Record', 'Video', 'Net' (highlighted in blue), 'Alarm', 'Maintenance', and 'Save'. Below this, a yellow bar contains 'NETWORK' and 'DHCP' with left and right arrows. The main configuration area lists several network parameters: IP ADDRESS (172.16.4.245), SUBNET MASK (255.255.255.0), GATEWAY (172.16.4.1), HTTP PORT (80), COMMAND PORT (5050), and MEDIA PORT (6050). Each parameter has a radio button to its left. At the bottom right is a 'Next page >' button. A footer message states: 'Set the gain way of network address. It will take effect after being saved.'

Parameter	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

H8114V, H8118UV

# DVR Systems

NETWORK SETUP

AUTO ASSIGN IP (DHCP)

ENABLE UPNP

ETHERNET IP

0 . 0 . 0 . 0

NETMASK

0 . 0 . 0 . 0

MAC

GATEWAY

0 . 0 . 0 . 0

EMAIL

DNS

0 . 0 . 0 . 0

SERVER PORT

7777

HTTP PORT

80

DDNS SERVER

NOT USED

MOBILE PORT

8888

DOMAIN NAME

ACCOUNT

PASSWORD

PPPOE AUTO STARTUP

PPPOE IP

0 . 0 . 0 . 0

DIAL UP

ACCOUNT

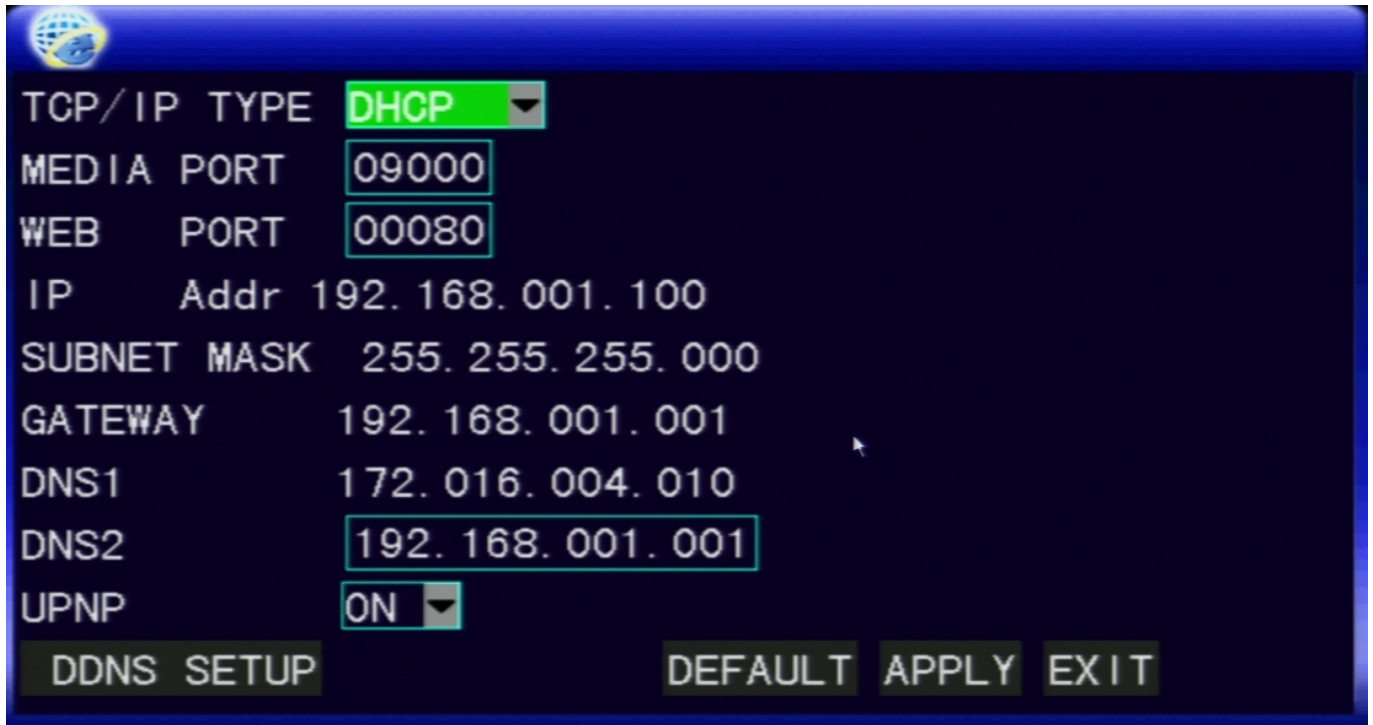
PASSWORD

SAVE

EXIT

H9124V

# DVR Systems



The screenshot shows a network configuration menu for a DVR system. The menu is displayed on a dark blue background with white text. At the top left is a small globe icon. The settings are as follows:

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

At the bottom of the menu, there are four buttons: DDNS SETUP, DEFAULT, APPLY, and 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.

# DVR Systems

## 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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