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

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H9114V, H9118V

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H8114V, H8118UV

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NETWORK SETUP

☑ AUTO ASSIGN IP (DHCP)   ☐ ENABLE UPNP

ETHERNET IP	0 . 0 . 0 . 0
NETMASK	0 . 0 . 0 . 0
GATEWAY	0 . 0 . 0 . 0
DNS	0 . 0 . 0 . 0

MAC

EMAIL

SERVER PORT 7777   HTTP PORT 80

DDNS SERVER NOT USED ▼   MOBILE PORT 8888

DOMAIN NAME

ACCOUNT   PASSWORD

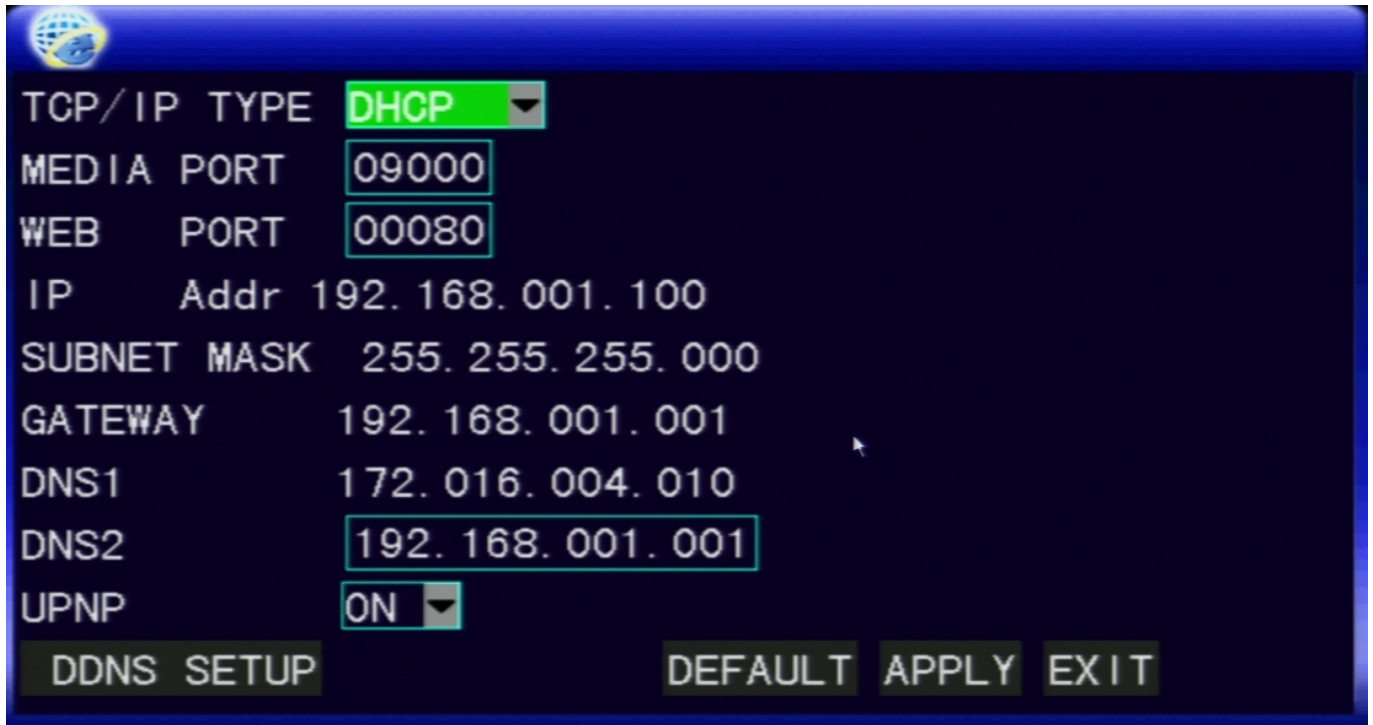☐ PPPOE AUTO STARTUP

PPPOE IP 0 . 0 . 0 . 0   DIAL UP

ACCOUNT

PASSWORD

SAVE   EXIT

H9124V

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```
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: <u>HERE</u>

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: <u>HERE</u>

Unique solution ID: #1006
Author: Jamie Alksnis

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Last update: 2014-04-11 10:02