Remote Access to DVR using a Dynamic IP Address

This tutorial demonstrates how to setup remote access to your DVR surveillance system using a dynamic IP address.

Step 1

Go to http://i-dvr.net and enter the username and password that’s provided to you on the CD.

Step 2

Once logged in, add your custom domain name in the host.domain field. You can add any name to the field as long as it’s not taken. The IP address field will already be prefilled with the IP address associated with your network. After you are done selecting your custom domain name, hit the insert button.
Step 3

We are going to configure port forwarding for your router now. Port forwarding allows you to open a port on the router to enable remote access to the DVR. What you’re going to do here is input the local IP address for your DVR and map it to port 7000. For the purposes of this tutorial, we’ll assign the local IP address of the DVR to 192.168.161.14 (Note: This same IP address will later be entered into the DVR). Once port 7000 is mapped to the local IP address of your DVR, go ahead and save the settings and logout of the router. At this point, the only step remaining is configuring the DVR for remote access.

![Port Forwarding Configuration](image-url)
Step 4

Access the **Main Menu** of the DVR. Click on **Network**. Select **LAN**. You will be setting up a local IP address for your DVR. Input the local IP address that you port forwarded on your router. (e.g. If you port forwarded 7000 to 192.168.161.14, then just set the IP address on the DVR to 192.168.161.14). Leave the Subnet Mask as 255.255.255.0. Set the Gateway and DNS as the router’s IP address (e.g. If you login to your router with 192.168.161.1, then just set the Gateway and DNS as 192.168.161.1).
Step 5

Check the box labeled **Enable DDNS** under DDNS Setup. Hit the dropdown box under **DDNS Server** and select i-dvr.net. Set the **Host Name** to the custom domain name you assigned in Step 2. In this example, the hostname is **PIMFG.i-dvr.net**. The user name and password field is the assigned user name and password given to you on the CD.
Step 6

The last step is configuring the **HTTP Setup** to enable access to the DVR from any web browser. Go to **HTTP Setup** under **Network** and make sure that **HTTP Server** is enabled. Next, open port 7000 (default is port 80, but for security purposes, use a nonstandard port, like 7000). At this point, you are done configuring remote access to your DVR.

![HTTP Setup Screen](image)

Step 7

There are 2 ways to access the DVR remotely.

The first method is typing the hostname into the address bar of your browser. In this case, it’s **http://PIMFG.i-dvr.net:7000**

The second method is downloading the app from the Apple or Android Marketplace. Please see the other manual for instructions on downloading the apps.