

TotalSecure™

Regarding the Remote Connection: It is possible to view over the internet.

You can use dynamic internet connections. Should you be able to save money and not require a static IP for your location, all would be ok. We provide a background application that keeps your IP current (Listip). By logging into www.totalsecure.ca, you can see your site or for multiple sites, a listing of the sites. For dynamic IP locations, please fill-in Listip.exe using the information provided in the attached PDF file. Listip uploads an html page to a webspace (ours or anyone's) that contains your current IP address. Visit that address and get re-directed to your DVR. Change the FTP info in the Listip.exe configuration to change it to upload to your desired web-space instead of ours.

If any locations have Static IP's and you wish to use our services, please let us know the IP addresses of each location and the location name. Static IP locations can skip the Listip section below and go right to the Network LAN viewing section below. Be sure to create a unique site Netviewer ICON for each ip address.

You will also want to do a couple things at the DVR location.

1 Fix the address of the DVR's behind the routers (in case of power failures the DVR will come back using the same ip address). This is important as the port forwarding is hard configured in the router to a specific ip address (of the DVR):

- You can do a *START-RUN-CMD-ipconfig /all*

This gets you your DVR'S current ip address, default ip, etc.. including DNS #'s

- Fix the IP by using the above info. *START-CONTROL PANEL-NETWORK-LAN-Properties-TCPIP-Properties-*
- DO NOT Choose "Automatically Assign" Choose "Use the following IP"

2 To reach the router:

- Enter default gateway ip address in the address bar of Internet explorer.
- Enter the router login/password.
- Find "Port Forwarding" (Contact your router company if you cannot find how to) forward ports 5900, 6100, 6101, 6150, 6151 to the fixed ip address of the DVR.
- Use TCP and make sure to enable the function.
- Port Details: 5900 - VNC 6100 - Live Request 6101 - Live send 6150 - Recorded request 6151 - Recorded send

Regarding Port forwarding, making IP'S static behind routers, etc.. A couple handy links...

Port Forwarding:

Setting up the IP behind the Router:
(Fixing it - Making it Static)

<http://www.portforward.com/networking/static-xp.htm>

Setting up the D-Link with Port Forwarding:

http://support.dlink.com/faq/view.asp?prod_id=1004#604

Additional Port Forwarding and Firewall info can be found for your router/modem at www.google.ca. Enter the model number followed by "port forwarding" or "firewall" for a good link.

Fill in Listip per the attachment.

Listip, if not already in your Windows StartUp folder, can be found at

<c:/program files/ProductiveConsultants/TotalSecure>

To utilize our Web hosting services (no charge)

To view remotely, once the Listip is updating and the ports forwarded on the router:

- Go to**: www.totalsecure.ca and click on: "Login/View Sites" (**We can also give you our link to put this path on your own website.)
- Enter username: "As given to you previously"
- Enter password: "As given to you previously"
- When prompted for a 2nd level of security, use login: admin and password: admin (OR THE LOCAL USERNAME AND PASSWORD CREATED)
- The sites cameras will appear for live and recorded viewing.

For Local Area Network Viewing (LAN) or For your Static IP location Setup

Use the NetViewerSetup.exe Install Wizard. Available at, <http://www.productiveconsultants.com/html/downloads/NetViewerSetup.exe> if not on your CD.

Install the above on your home PC. Make sure Windows XP2 firewall or an anti-virus does not block your access on either end of the connection. Your Internet Explorer Security Settings (Custom Level) will need to be set to allow ActiveX controls (prompt or enable them).

