

# "Remote Viewing Guide"

## First..... Remote Viewing Over Local Network (LAN)

### Procedure for Geovision DVR Cards

- 1) Connect Geovision PC to router using CAT5 patch (straight thru) lead.
- 2) In Geovision, click on network icon on the right, click on "WebCam server", Then "OK"

To find IP address of Geovision PC. In windows, you would simply issue the following command from the command prompt (Start > Run > type in "cmd") On Command Prompt Type in "ipconfig" which will look something similar to the following results:

```
C:\>ipconfig
Windows IP Configuration
Ethernet adapter Local Area Connection:
IP Address. . . . . : 192.168.1.105 "This is Geovision PC IP Address"
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . :192.168.1.1 "This is Router IP Address"
```

- 3) In internet explorer, type the following into the address bar : 192.168.1.105  
It should now work. If its not working, then check cabling and check network security setting in internet explorer

## Geovision Remote Viewing Over The Internet

- 1) First make sure remote viewing over LAN works (See Above).  
Only then that remote viewing over internet is attempted.
- 2) The DVR'S IP Address cannot be accessed through the internet as it is a "Private Number" to the LAN that its connected to. I.E. 192.168.1.10 will not work if you are in another broadband location (try this out of curiosity). Only the public IP address of the router is visible on the internet.

## Remote viewing over the Internet (outside your local network) your router needs to be configured.

Ports need to be open on your router, i.e. Port 80, 4550, 5550 & 6550  
To setup your router for "Portward, go to:  
<http://www.portforward.com/routers.htm>  
Select Make & Model Number of Router  
Then "Click here to skip this advertisement..."  
Select "Geovision WebCam" Setup your router following the webpage

## To test if your port is forwarded properly, go to:

<http://www.canyouseeme.org/>  
On the webpage "Your IP: 82.193.143.24" (This is your Internet IP Address)  
What Port? Enter "80" Click on "Check"  
IF "Success: I could see your service on 82.193.143.24 on port (80)"  
Then check any other ports that need to be opened..... *Job Done.*  
If "Error: I could not see your service on 82.193.143.24 on port (80)"  
*Check Router setting again.*

## Static or Dynamic Internet IP Address

If your internet service provided has supplied you with a "Static IP Address", then all you need to do, is in internet explorer. Type in IP Address of DVR then log-in with your user name & password

If your Internet service provided has supplied you with a "Dynamic IP Address", you will need to instal Geovision "Dynamic DNS Service" on the Geovision DVD.

Install the service and "Register" a Hostname & password, Then run at startup, Save.....  
Then type <http://hostname.dipmap.com> in internet explorer

## Changing Internet Explorer Security Setting for Remote Viewing.

IE default setting may not allow Geovision software to install  
Then reduce the security setting  
1) Tools - Internet Options (Menu), Security (TAB), Custom Level (Button).  
Active X control & Plugin "Enable"  
Download signed activeX control ="Prompt"  
Download unsigned activeX control ="Prompt"  
2) Also check other activeX related items are set to "Prompt"  
3) Once installed and remote viewing is working, go back to security setting and click on Default Level (Button)