



## Configuring Direct Remote Viewing for DHCP Cameras

Once you have connected your WiLife PC to your WiLife Online account, you can begin using remote viewing. By design, the WiLife system will automatically attempt to configure your router for Direct viewing for each machine. If it cannot, it will enable Relay viewing (see <http://online.wilife.com/MyLukWerks/ModePop.aspx>). In most cases, you will not need to do any additional work.

If you want Direct viewing, especially in cases where the WiLife Command Center cannot configure your router, you will need to follow these manual steps.

### Manually Configuring Direct Viewing for DHCP Cameras

To complete the manual configuration, you will need to map a single port on your router to each WiLife PC. You also need to manually configure each PC to identify which port is mapped to the machine.

Every router uses different interfaces to control its internal settings, you need to become familiar with your router and use the instructions below as an aid. We will show screen shots for the retail DLink router for example:

- 1) Use this table to plan which router port address you will assign to each machine. You need to select a port between 20570 and 20576. You can either let your network automatically assign your PC an IP address using DHCP, but assigning fixed IP addresses will deliver a more reliable setup. (NOTE: You can identify your WiLife PC's IP address by running *ipconfig* in a command window.)

	<b>Machine A</b>	<b>Machine B</b>	<b>Machine C</b>
Machine IP Address	192.168.1.200	192.168.1.201	192.168.1.202
Machine Name	WiLife East	WiLife West	WiLife IT
Mapped Port	20570	20571	20572

- 2) After closing the Command Center on each PC, open the WiLife.ini file using Notepad and change the VideoStartPort: and VideoEndPort: options to use the port number you assigned.
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WiLife.ini - Notepad
File Edit Format View Help
MainForm:1:AlertsManuallyArmedOnShutdown:False
/
Password:1:UserPwd:AQMAANCMnd8BFdERjHCAWE/C1+sBAAAA1sMVCVGW/EC/er:
Password:1:AccessControlParameters:AQMAANCMnd8BFdERjHCAWE/C1+sBAA
/
WiLifeOnline:1:Enabled:True
WiLifeOnline:1:SiteName:WiLife East
WiLifeOnline:1:UserName:security@wilife.com
WiLifeOnline:1:Password:AQMAANCMnd8BFdERjHCAWE/C1+sBAAAA1sMVCVGW/
WiLifeOnline:1:VideoPortStart:20570
WiLifeOnline:1:VideoPortEnd:20570
WiLifeOnline:1:PlaybackUseVideoHeader:True
WiLifeOnline:1:PlaybackUseVideoFooter:True
WiLifeOnline:1:PlaybackLoopAfterLastClip:False
WiLifeOnline:1:PlaybackUsesScriptCommands:0
WiLifeOnline:1:PlaybackOutputFile:
WiLifeOnline:1:AvailablePresenceIntervalInMilliseconds:7200000

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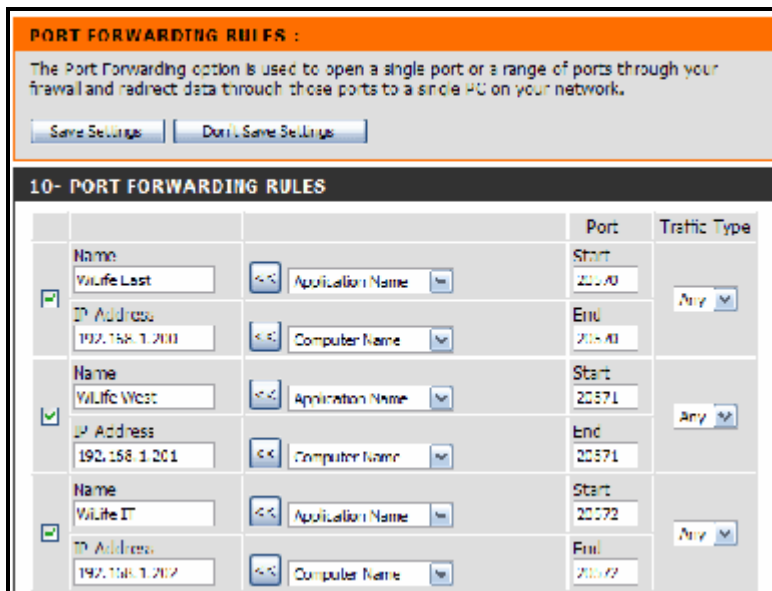
**Find the WiLife.ini file at the following locations:**

**XP:** c:\Documents and Settings\All Users\Application Data\WiLife\Command Center\WiLife.ini

**Vista:** c:\ProgramData\WiLife\Command Center\WiLife.ini

You will need to enable "show hidden files" on XP to find the directory.

- Open your routers configuration page and map the assigned port to each machine. In the case of the DLink router, we reached the configuration page at <http://192.168.0.1>, but this will differ from router to router.



- Restart the Command Center on each machine.
- Test your remote connection to each machine using your WiLife Online Account.

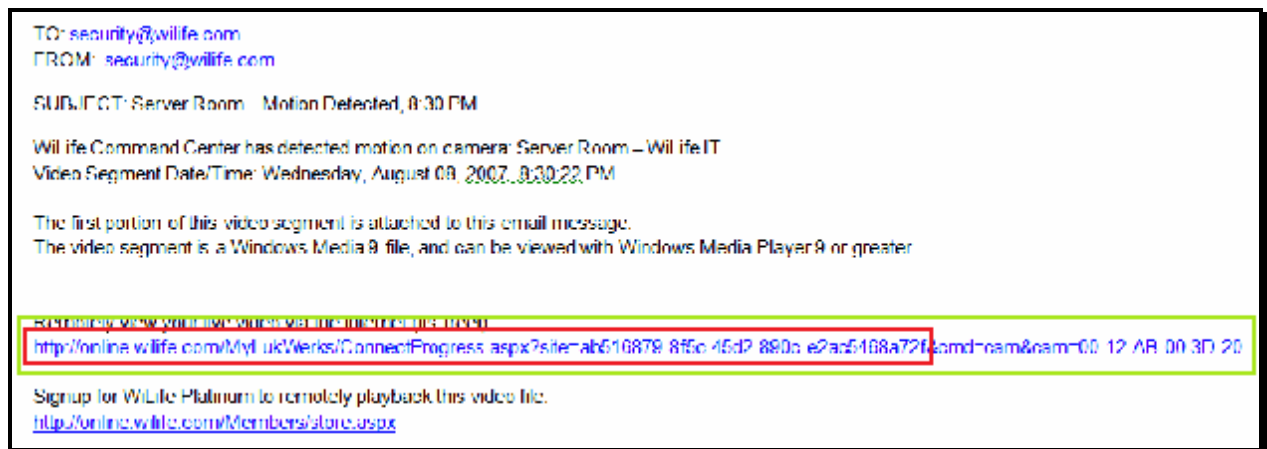
*As always, you must keep each machine running to enable remote viewing. Using a UPS on your PC ensures your machine will survive minor power interruptions.*

## Setups for Live Remote Viewing of Multi-Sites

Despite the standard limitation of viewing one site at a time, there is one trick that allows you to view as many as possible – limited by your bandwidth.

Each live viewing site has a static URL, which allows you to view your cameras without using the My Cameras page. The way to find the URL is easy:

- 1) Set up and trigger a motion alert email from one (or more of your cameras)
- 2) Copy the site path. Use the site path – shown in red – to view all cameras and the camera path – shown in green – to view just the specific camera.
- 3) Save this path to a shortcut or file



For example, the path <http://online.wilife.com/MyLukWerks/ConnectProgress.aspx?site=ab516879-8f5c-45d2-890c-e2ac5468a72f> will show all cameras.

And, the path <http://online.wilife.com/MyLukWerks/ConnectProgress.aspx?site=ab516879-8f5c-45d2-890c-e2ac5468a72f&cmd=cam&cam=00-12-AB-00-3D-20> will show only the single camera that triggered the alert.

It is an easy matter to collect the paths of your different sites and cameras to build shortcuts to the video. Using these links, you can open many remote viewing pages at once. Bandwidth is your primary limitation on the number of sites you can view at once.