

# Videoswitch

## Vi-MPEG4 Module

Product ranges covered by this manual



Document Reference

Vi612a.doc

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Firmware

From Vi0XXc19

Videoswitch

Ocean House, Redfields Industrial Park

Redfields Lane, Church Crookham

Hants GU52 0RD

Telephone 01252-851510

Fax 01252-851296

Email [sales@videoswitch.co.uk](mailto:sales@videoswitch.co.uk)

Web [www.videoswitch.co.uk](http://www.videoswitch.co.uk)



## MPEG4 Streaming Module

## 1 Hardware Setup

- Connect the ViX05 DVR to a router, hub or switch using a CAT5 cable
- Connect the Vi-MPEG4 module to the same router, hub or switch using a CAT5 cable
- Connect the Vi-MPEG4 module to the main monitor output of the DVR using a BNC cable.
- Power up the ViX05
- Connect the Vi-MPEG4 module to supplied power adaptor (12V regulated)

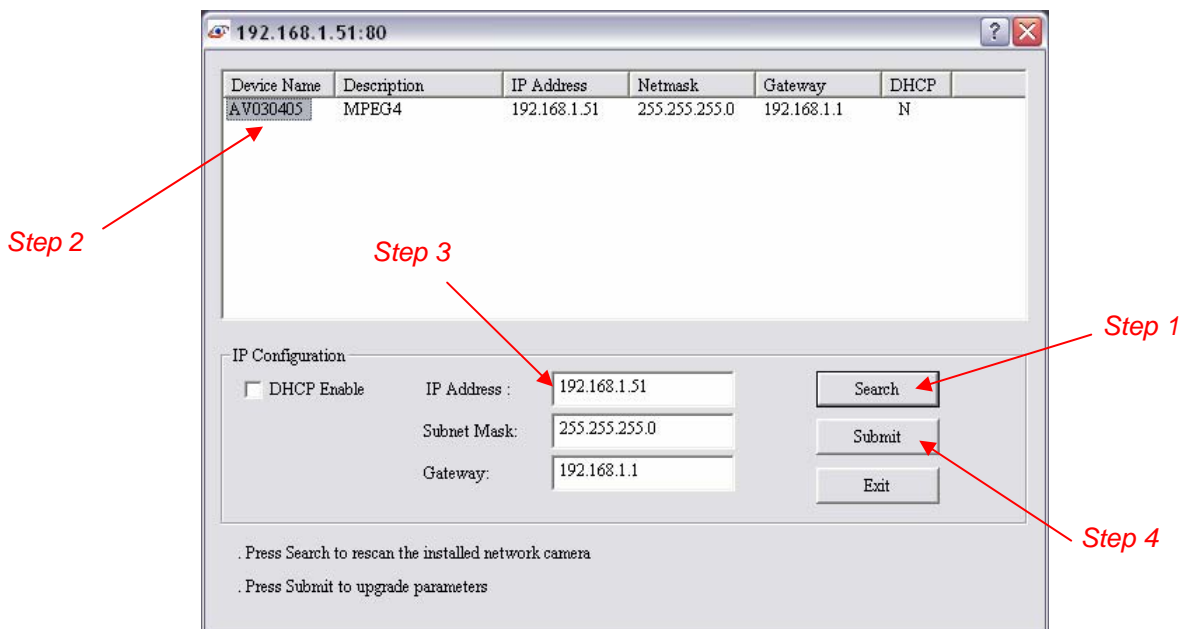
## 2 Vi-MPEG4 IP Module Configuration

The Vix05 and MPEG4 module require **consecutive IP addresses**. The default values are:

ViX05 192.168.1.50  
MPEG4 192.168.1.51

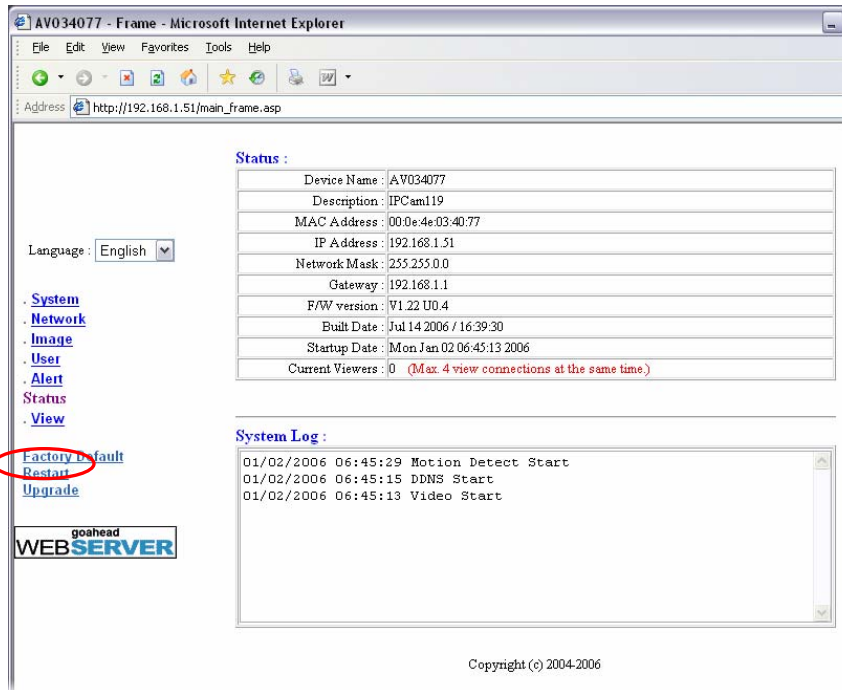
If you need to change the default IP address of the Vi-MPEG4 module, download the utility “Vi-MPEG4 Finder.exe” from the Videoswitch web site ([www.videswitch.co.uk/software](http://www.videswitch.co.uk/software)) . Double click on the downloaded file (Vi-MPEG4 Finder.exe) and follow these steps to locate and configure the MPEG4 module:

- Step 1: Press **Search** to locate the module on the network. If no module is found, you may need to temporarily disable your PC’s firewall.
- Step 2: Click on the **Device Name** to select the module.
- Step 3: Enter the required IP address for the module, the subnet mask and the ip address of the default gateway.
- Step 4: Click on **Submit** to configure the module.

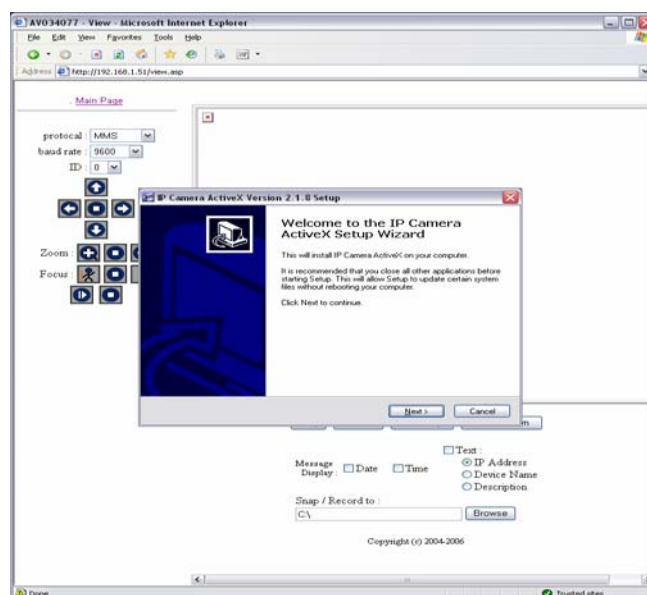


## 3 Viewer Software Installation

- Run Internet Explorer or similar Web browser.
- Enter the IP address of the module (default is 192.168.1.51) where it says "Address" in the browser.
- Press Enter
- Click on the **View** option to show the video window.



Click on the message asking if you wish to install the ActiveX bolt-on. The necessary software will be installed automatically. Note that the internet options must permit installation of ActiveX. You should now be viewing images from the DVR, but not the correct Vi-series control buttons.



## 4 Vix05 configuration

### 4.1 DVR IP Address

Press the **MENU** key the Vix05 menus and select **Network** then set the **IP Address** as required to suit your network. The default is 192.168.1.50.

```
Date/Time
Record
Display
Alarms
>Network
Configuration
```

```
>IP Address 192.168.1.50
Port
Sub-Net Mask
Gateway
WAN IP Address
Email
Modem
```

Note that the IP address of the MPEG4 module should always be set to be one more than the IP address of the DVR.

### 4.2 DVR Port Numbers

Open the Vix05 menus and select **Network** then set the **Ports**.

- If you are using a router, set Port3 to 8080 (otherwise leave as 9221)
- Set the MPEG4 port to 80

```
Date/Time
Record
Display
Alarms
>Network
Configuration
```

```
IP Address
>Port
Sub-Net Mask
Gateway
WAN IP Address
Email
Modem
```

```
Port
Port 1
Port 2 8080
Port 3 80
```

## 5 Router Configuration

If you are using the Vi-MPEG4 module to provide remote viewing over an ADSL connection, you will require a router. Configure the router so that requests for port 80 are directed to the IP address of the MPEG4 module and requests for port 8080 are directed to the ip address of the Vix05 DVR. You may also need to set the firewall to permit access. Consult your router's User Guide for instructions on how to carry out this configuration process.

Typical router configuration screen:

### Port Forwarding

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Service & Game      Server IP Address

MPEG4              

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#	Service Name	Start Port	End Port	Server IP Address
<input type="radio"/> 1	Vi205	8080	8080	192.168.1.50
<input checked="" type="radio"/> 2	MPEG4	80	80	192.168.1.51

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### NAT Status

Enable

## 6 Viewing

Before you can use view and control the DVR you need to have set up these items as previously described:

- Vi-MPEG4 module – set IP address only if the default is unsuitable
- PC – install the ActiveX plug-in to allow the MPEG4 video to be displayed
- ViX05 series DVR – set IP address and port numbers only if the defaults are unsuitable
- Router – If a router is being used, set the port routing and firewall

### 6.1 To View via a Local Network

Run Internet Explorer and enter the address: 192.168.1.50:8080 (or the IP address you have set followed by :8080)

You should now be viewing the Vix05 monitor output via your browser:



### 6.2 To View Remotely via a Router

Run Internet Explorer and enter the WAN address of the router. If the router has been properly configured to forward port 8080 to 192.168.1.50 (the DVR) and port 80 to 192.168.1.51 (the Vi-MPEG4 module), then the remote images and control keys should be displayed.



## MPEG4 Streaming Module