CONCEPTRONIC

How-to use the C(54)NETCAM video stream with a web server.

This how-to explains how-to configure your C(54)NETCAM and web server to put the video stream on your website. It is also possible to put a snapshot on your webpage, this is advised when you do not want to have a high data rate on your website or if you have a traffic data limit. The snapshot of the cam will be refreshed when the page is loaded.

Requirements:

- CNETCAM or C54NETCAM
- Browser with Java support.
- Write access to the web server

Make sure that your C(54)NETCAM is configured to the same IP range as your local network.
You can configure the C(54)NETCAM with the "Setup Wizard" which is included on the CD-ROM.

We advice to add a web port at which the C(54)NETCAM is operating.

Disclaimer:

Your data traffic will be higher than normal when you add a video stream to your website.
Conceptronic cannot be held responsible for any cost you experience.

1. Go to the webpage of the C(54)NETCAM (default: http://192.168.0.20
2. Click on "System Administration"
3. If you configured the C(54)NETCAM with a username/password please fill in the username and password to enter the configuration page.

4. Click "Configuration"
5. Click "Network"
6. Scroll down the page
7. Select "Enable"
8. Fill-in the web port you want to use (for example 82)
9. Click "Save"
10. Click "Home"

Copy the source code of the Java video stream
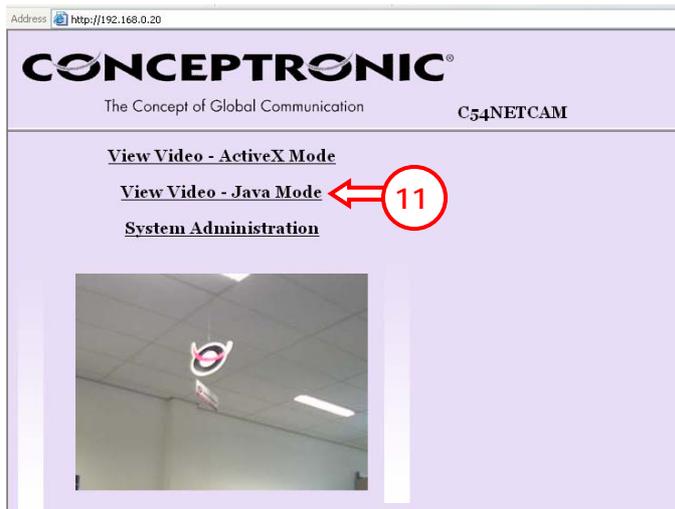
11. Click "View Video – Java Mode"
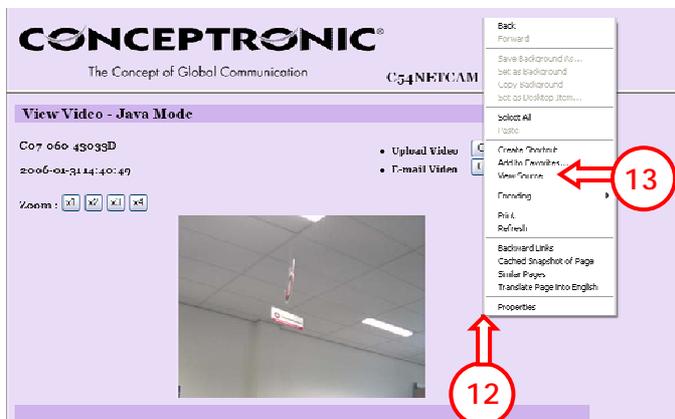
12. Right click
13. Select "View Source"

14. Save the HTML code to your computer. (File -> Save as.) (For example stream.html)

How-to change the HTML code, when you do not have a domain name on your internet IP-address

To add the video stream to your website you need to change the HTML code, see below how to change it.

Original HTML code:

```
<APPLET name="cvcs" CODEBASE=http://192.168.0.20:82/"  ← Your C(54)NETCAM IP-Address
CODE="xplug.class" WIDTH=320 HEIGHT=240>
 <param name="RemotePort" value=82>
 <param name="Timeout" value=5000>
 <param name="RotateAngle" value=0>
 <param name="PreviewFrameRate" value=2>
 <param name="DeviceSerialNo" value="">
 </APPLET>
```

Change to:

```
<APPLET name="cvcs" CODEBASE=http://xxx.xxx.xxx.xxx:82/"    ← Your internet IP-address
CODE="xplug.class" WIDTH=320 HEIGHT=240>                        (for example:
 <param name="RemotePort" value=82>                            http://123.456.789.101:82/)
 <param name="Timeout" value=5000>                             The value 82 can change. It is
 <param name="RotateAngle" value=0>                            the second http port, which
 <param name="PreviewFrameRate" value=2>                       is set in the C(54)NETCAM
 <param name="DeviceSerialNo" value="">                        configuration.
 </APPLET>
```

If you only want to add the video stream, use only the code above.

When you have changed the HTML code, you can put it on your website/web server.

Please notice!:
When you change the http port after you copied the HTML code, then you must change the http port at 2 places. First at the CODEBASE and second at RemotePort. Both values must be the same!

You need to open the port of the C(54)NETCAM in your Modem/router to get a connection with your C(54)NETCAM. For example: **Service name:** C(54)NETCAM, **Protocol:** TCP, **Public port:** 82, **Private IP-address:** 192.168.0.20, **Private port:** 82).

How-to change the HTML code for snapshot, when you do not have a domain name on your internet IP-address

To add the snapshot to your website you need to change the HTML code, see below how to change it.

Original HTML code:

<APPLET name="cvcs" CODEBASE=http://192.168.0.20:82/" ← Your C(54)NETCAM IP-Address
CODE="xplug.class" WIDTH=320 HEIGHT=240>
 <param name="RemotePort" value=82>
 <param name="Timeout" value=5000>
 <param name="RotateAngle" value=0>
 <param name="PreviewFrameRate" value=2>
 <param name="DeviceSerialNo" value="">
 </APPLET>

Change to:

<APPLET name="cvcs" CODEBASE=http://xxx.xxx.xxx.xxx:82/image.jpg" ← Your internet
CODE="xplug.class" WIDTH=320 HEIGHT=240>   IP-address
 <param name="RemotePort" value=82>   ⇧ (for example:
 <param name="Timeout" value=5000>   http://123.456.789.101
 <param name="RotateAngle" value=0>   :82/image.jpg)
 <param name="PreviewFrameRate" value=2>   The value 82 can
 <param name="DeviceSerialNo" value="">   change. It is the second
 </APPLET>   http port, which is set
                                                  in the C(54)NETCAM
If you only want to add the snapshot, use only the code above.   configuration.

When you have changed the HTML code, you can put it on your website/web server.

Please notice!:
When you change the http port after you copied the HTML code, then you must change the http port at 2 places. First at the CODEBASE and second at RemotePort. Both values must be the same!

You need to open the port of the C(54)NETCAM in your Modem/router to get a connection with your C(54)NETCAM. For example: **Service name:** C(54)NETCAM, **Protocol:** TCP, **Public port:** 82, **Private IP-address:** 192.168.0.20, **Private port:** 82).

How-to change the HTML code, when you have a domain name on your internet IP-address

To add the video stream to your website you need to change the HTML code, see below how to change it.

Original HTML code:

<APPLET name="cvcs" CODEBASE=http://192.168.0.20:82/" ← Your C(54)NETCAM IP-Address
CODE="xplug.class" WIDTH=320 HEIGHT=240>
 <param name="RemotePort" value=82>
 <param name="Timeout" value=5000>
 <param name="RotateAngle" value=0>
 <param name="PreviewFrameRate" value=2>
 <param name="DeviceSerialNo" value="">
 </APPLET>

Change to:

<APPLET name="cvcs" CODEBASE=http://xxx.xxx.xxx.xxx:82/"   ← Your internet IP-address
CODE="xplug.class" WIDTH=320 HEIGHT=240>   (for example:
 <param name="RemotePort" value=82>   http://www.conceptronic.net:
 <param name="Timeout" value=5000>   82)
 <param name="RotateAngle" value=0>   The value 82 can change. It is
 <param name="PreviewFrameRate" value=2>   the second http port, which is
 <param name="DeviceSerialNo" value="">   set in the C(54)NETCAM
 </APPLET>   configuration.

If you only want to add the video stream, use only the code above.

When you have changed the HTML code, you can put it on your website/web server.

Please notice!:
When you change the http port after you copied the HTML code, then you must change the http port at 2 places. First at the CODEBASE and second at RemotePort. Both values must be the same!

You need to open the port of the C(54)NETCAM in your Modem/router to get a connection with your C(54)NETCAM. For example: **Service name:** C(54)NETCAM, **Protocol:** TCP, **Public port:** 82, **Private IP-address:** 192.168.0.20, **Private port:** 82).

How-to change the HTML code for snapshot, when you have a domain name on your internet IP-address

To add the snapshot to your website you need to change the HTML code, see below how to change it.

Original HTML code:

```
<APPLET name="cvcs" CODEBASE=http://192.168.0.20:82/"  ← Your C(54)NETCAM IP-Address
CODE="xplug.class" WIDTH=320 HEIGHT=240>
 <param name="RemotePort" value=82>
 <param name="Timeout" value=5000>
 <param name="RotateAngle" value=0>
 <param name="PreviewFrameRate" value=2>
 <param name="DeviceSerialNo" value="">
</APPLET>
```

Change to:

```
<APPLET name="cvcs" CODEBASE=http://yourdomain.com:82/image.jpg'
CODE="xplug.class" WIDTH=320 HEIGHT=240>
 <param name="RemotePort" value=82>
 <param name="Timeout" value=5000>
 <param name="RotateAngle" value=0>
 <param name="PreviewFrameRate" value=2>
 <param name="DeviceSerialNo" value="">
 </APPLET>
```

← Your internet IP-address (for example: http://www.conceptronic.net:82/image.jpg) The value 82 can change. It is the second http port, which is set in the C(54)NETCAM configuration.

If you only want to add the snapshot, use only the code above.

When you have changed the HTML code, you can put it on your website/web server.

Please notice!:
When you change the http port after you copied the HTML code, then you must change the http port at 2 places. First at the CODEBASE and second at RemotePort. Both values most be the same!

You need to open the port of the C(54)NETCAM in your Modem/router to get a connection with your C(54)NETCAM. For example: **Service name:** C(54)NETCAM, **Protocol:** TCP, **Public port:** 82, **Private IP-address:** 192.168.0.20, **Private port:** 82).