

CW3000 HD Sopcast Guide

Here are the main steps to broadcast a channel from your CW-3000HD to Sopcast P2P. Also it will be easier on computers if you use 2 separate computers for decoding and broadcasting.

1. First of all download Sopcast program from sopcast.org and make an ID with Sopcast and sign up for a channel. You will be given a channel #
2. Add your channel to a group otherwise your channel will not show up in the Sopcast channel list and also Name your channel in control panel on Sopcast website.

You can also get help from Sopcast.

Now I assume that you have signed up for a channel and added it to a group.

3. Open up VLC player
4. Click on file and click on Open Network Stream
5. In new window add you channel link from CW3000 in the "HTTP/HTTPS/FTP/MMS" text box; link for the channel should be in this format

`http://CW3000-IP-Address:3000/PES/S87.0W-1-101-1-10001+1`

or

`http://CW3000-IP-Address:3000/1`

6. Now in Advance options click on "Stream/Save" and press "Settings.."
7. In Outputs section enter you computer's IP address for example "192.168.1.100" in "HTTP" address test box and enter Port # or just leave it as default "1234"

If you want to watch as it decodes then also click on "Play Locally" option. It will use a little processing power of you pc. You can turn "Play locally" off once everything is working fine.

8. Now in Encapsulation Method select "ASF" because Sopcast uses ASF as their encapsulation method.
9. In Trascoding options section check "Video codec" and select "DIV3" as coding; for me this worked good and people were able to watch. set bitrate between 128-256; depends on your upload/download speed. There was a lot of freezing and I guess it was cause of my computer which is very OLD.
10. Thats it you are done. Just Press ok and exit from setting. You will see video playing in VLC.

To check if VLC is broadcasting on your local network open Media Player or Real Player and enter IP address of your computer and port # where VLC is broadcasting at the moment. For example 192.168.1.100:1234. If you were able to get video then it means VLC is doing its job and channel is ready to be broadcasted on Sopcast.

11. Open Sopcast and login using your ID you made on Sopcast.
12. Click on MyServer Tab.
13. In "Source" section enter the IP address of your computer as "http://192.168.1.100:1234"
14. In Channel Section enter your Channel ID that was provided you by Sopcast for example "12346".
15. Enter Name of the program in "Program name" text box.
16. In Server section Leave server address as default which should be "sop://broker.sopcast.com:3912"
17. In Account name text box enter your Sopcast Id as full email address and password
18. Click start and you will see buffer going from 1 to 100 %. If buffer doesn't start then something is wrong with your VLC stream or your channel is not setup on Sopcast properly.

If everything goes well and it starts streaming then your channel should show up in the channel list.

This little guide will help you get going and as you start broadcasting you will gain experience and get better at it. Good Luck!!!