

WEBCAST.NO

WN Router for NDI®

NDI router with web based admin



NDI®

What is WN Router for NDI® ?

WN Router for NDI® is an application that allows you to create routings of NDI sources. A platform independent daemon application is used on the target machine that communicates with the web admin that resides on Amazon Web Services.

On the top you can see your currently selected router (you can have multiple routers connected, choose the relevant one in the drop down list), realtime CPU/RAM usage of the machine and two buttons for saving and loading of your routings.

On the bottom you can add NDI sources, which will then be displayed in the routing matrix. You will get low res representations of what content that is present on your inputs.

To add a new output just click on "Add Output" and enter a name for the output.

To add an output to a source just click in in the row of the source and in the column of the output. After that you will see a new source within your NDI enabled application which displays the same NDI feed as the original source. You can now route input NDI sources to your NDI output by changing the active cross point.

This solution enables you to administer all your routers from one centralized user interface.

The screenshot displays the WN Router for NDI web interface. At the top, there are navigation links for Routers, Claim, Companies, and Users. The user is logged in as 'admin (Superadmin) with Webcast Norge'. The current router is 'XMG Laptop', with CPU usage at 12% and RAM usage at 62%. A 'Restart NDI' button is visible in the top right.

The main area is titled 'ROUTING MATRIX'. It features a table with 'Source' on the vertical axis and 'Output' on the horizontal axis. The sources are 'HUMANICS-BENE (VLC)' and 'HUMANICS-KIM (VLC)'. The outputs are 'WNR_1', 'WNR_2', 'WNR_3', 'WNR_4', and 'WNR_5', along with an 'Add Output' button. The routing matrix shows active connections (blue squares with a chain icon) between 'HUMANICS-BENE (VLC)' and 'WNR_1', and between 'HUMANICS-KIM (VLC)' and 'WNR_3'. There are also plus signs in other cells, indicating potential connections.

Source	WNR_1	WNR_2	WNR_3	WNR_4	WNR_5	Add Output
HUMANICS-BENE (VLC) x FPS: 25/25 Width: 1920 Height: 1080	🔗	+	+	+	+	
HUMANICS-KIM (VLC) x FPS: 30/30 Width: 1920 Height: 1080	+	+	🔗	+	+	

At the bottom left, there is an 'Add Source' button with a '2' icon.

What powers WN Router for NDI®

WN Router for NDI® is powered by:

Newtek NDI®, see more at <https://www.newtek.com/ndi/>

Amazon Web Services, see more at aws.amazon.com

For more information please contact:

Jan Grimestad

jan@webcast.no

Webcast Norge

www.webcast.no

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