

Instructions For Resetting the Converters for the NDI Cameras In the Sanctuary

Revision 1 (3-16-23)

The current format of the NDI stream does not allow for automatic resetting of the camera after a power down of the Magewell NDI to SDI converters. The result is that the video image from the camera is not available to the ATEM switcher. To reinstate the conversion and transmission of the video signal follow the instructions below.

To access the GUI interface of the Magewell converter(s):

There are two Magewell NDI to SDI converters, one for each of the side and Chancel cameras. The cameras output an NDI signal on the network cable through the building network. A VLAN has been established to create limited access pathway for the transmission. The VLAN Ip range is 10.50.0.XX

Step 1: Disconnect the RJ45 Ethernet cable for each Magewell converter and reconnect after 20 seconds.

Step 2: Open a browser window and in the address bar type one of the following IP addresses

Camera 3: 10.50.0.35

Camera 4: 10.50.0.36

When communication is made with the converter you will be asked for a login:

Login Name: Admin

Password: Admin

Step 3: The presenting screen will be the dashboard. In the menu bar across the top you will see a link marked "Source". Click on that link to open the source selection page.

The top section of the page shows the name and address of the camera that is assigned to the converter. To the far right is link that is marked "select". Click on the select link to reestablish the video link between the camera and the switcher.

NOTE: in the lower section of the page will be a list of all of the NDI cameras in the system, currently there are 4. Do NOT press select on any of the cameras in the lower section.

Step 4: Follow the same procedure for both converters to reestablish the video for both cameras.

The above procedure should only be required should the power be cut to the devices or the LAN switch. The LAN switch is currently on a battery backup device which will keep the power to the devices for a considerable length of time in the event of a power outage to the building.

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