

# Cycle URL Function (Video Capture Failover)



The description is valid for software version [2.11.0](#) and newer.

Since version [2.11.0](#), Capture modules in Webcast, IPTS, and NDI modes allow to configure a Cycle URL list to improve signal capture failover.

When a “SIGNAL NOT PRESENT” condition is detected, the Capture module automatically picks the next URL from the Cycle URL list and applies it as the input source. In this way, the Capture module will cycle between URLs from the list until an input signal is received.

This input redundancy scheme requires no additional modules to operate, and only one input URL is connected at any given time.

## Setting

The Cycle URL list is set using the property of the same name on the Status tab: Administrator Control Panel→Status→Capture\_N→Cycle URL. The option settings can be managed at runtime without changing the module configuration or restarting the module.

When you click on Cycle URL, a window will open:

Cycle URL

ENABLED

Toggle Enabled

Take Next

NEXT

http://live3. .... playlist.m3u8

Edit...

Set Next

https://tvch. ....

Edit...

Set Next

https://igi-h .... /playlist.m3u8

Edit...

Set Next

Edit...

Set Next

Close


Parameter	Description
Status	The field displays the function's current status: <ul style="list-style-type: none"><li><b>ENABLED</b> - the function is enabled, automatic switching in case of signal loss is possible.</li><li><b>DISABLED</b> - the function is disabled.</li></ul>
Toggle Enabled	The button controls the switching of the function state.
Take Next	The button manually navigates to the URL marked with the NEXT flag.

Parameter	Description
NEXT	The flag showing the next URL that will be used when switching manually or automatically.
URL1-4	The fields display the URLs of the configured sources.
Edit	<div>The button opens the URL entry window.<div><div>Edit URL</div><div><div>Enter URL: http://live3 /playlist.m3u8</div><div><div>OK</div><div>Cancel</div></div></div></div></div>
Set Next	The button to select manually the next URL. Sets the NEXT flag for the selected URL.
Close	Closes the window

## Control

On the Status tab, you can control the option status in the Cycle URL property and the current URL in the Input property.

Capture\_3 - 1080i50 - (Capture)



Crash Cnt:	0
<a href="#">Audio Gain:</a>	+0.0 dB
Reconnect count:	0
Signal:	Present
<a href="#">Audio channel map:</a>	Default
<a href="#">Color Key:</a>	OFF
<a href="#">Input:</a>	https://tvchannels...
<a href="#">Cycle URL:</a>	OFF

[Action...](#)  
[Restart Component...](#)

## Remote Operation

The Cycle URL feature is remotely managed using the appropriate [Capture module actions](#):

- Enable Cycle URL
- Disable Cycle URL
- Set Next Cycle URL
- Take Cycle URL

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