

# BrightEye NXT 410-H and 410

## HDMI Routers

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### Instantaneous HDMI Clean Switching

The BrightEye NXT 410 and 410-H Clean HDMI Routers provide seamless switching to your HDMI sources. The HDMI output switches instantaneously, never a glitch or pop. Feed the NXT with cameras and other HDMI and SDI sources and take the output to projectors, flat screens and production equipment. Each of the two clean switches can be assigned to any output, providing synchronized, clean, and quiet switching. When a clean switch is assigned to the HDMI output, the result is perfect and instantaneous switching. No other HDMI router can do that!

### Integrate HDMI and SDI I/O

With both HDMI and SDI inputs and outputs, it's easy to integrate and switch signals from all types of equipment, regardless of the video format. Cameras with HDMI outputs can be used directly alongside SDI sources, and seamlessly routed to either HDMI or SDI outputs. The SFP (small format pluggable) cage can be populated with dual SFPs. Adding SFPs gives you true flexibility in combining electrical BNC, HDMI and fiber optic inputs and outputs.

### HDCP Solution with Model 410-H

The NXT 410-H is HDCP compliant, accepting encrypted sources and generating an encrypted output. This allows both encrypted and non-encrypted HDMI and SDI sources to be cleanly switched to HDMI destinations.

## Features

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- Router for 3G, HD, SD SDI, fiber and HDMI
- Seamless switching of video and embedded audio
- Cleanly switch HDCP encrypted content with model 410-H
- Dual Up/Down/Cross converters with model 410-H
- LCD displays realtime full motion video of HDMI and SDI router sources
- Two built-in test signal generators
- Dissolve and Cut transitions
- Direct Take mode
- Action Keys and Salvo Registers – Save/Recall from your tablet and computer
- RS-232 and TCP/IP interfaces – use with any 3rd party device
- System wide configuration registers

