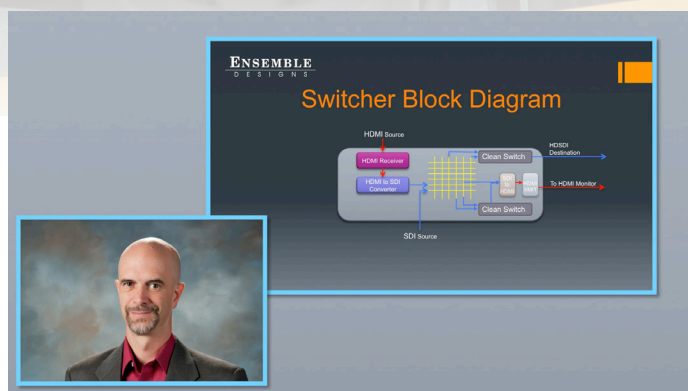


PiP-Efx Dual Picture in Picture Option with BrightEye NXT 450, 430-X and 410-H

Picture in Picture in a Router?

Now you can have a computer presentation AND the presenter on the screen at the same time. The PiP-Efx Option for the BrightEye NXT 450, 430-X and 410-H Compact Routers is the perfect solution for those wishing to put multiple images on the screen at the same time. It's great for corporate boardrooms or remote learning environments.

Easy to configure layouts and instant recall from user presets make for an exciting visual experience during your live lectures or presentations. You have full control of size, position and cropping as well as dissolve and cut transitions to PiP effects. PiP-Efx can be a single insert over a full screen video background, or dual PiP inserts over a matte background – each with independent size and position. You can even switch sources within the PiP window on the fly. The PiP-Efx output is fully routable to any destination on the router, or to multiple destinations simultaneously. The built-in, dual Up/Down/Cross converters allow any SMPTE format video to be incorporated seamlessly in the PiP-Efx output – even standard definition in a high definition production (or vice versa). Customizable border effects give depth and background separation to your PiP window. All of this in a router the size of a paperback novel.

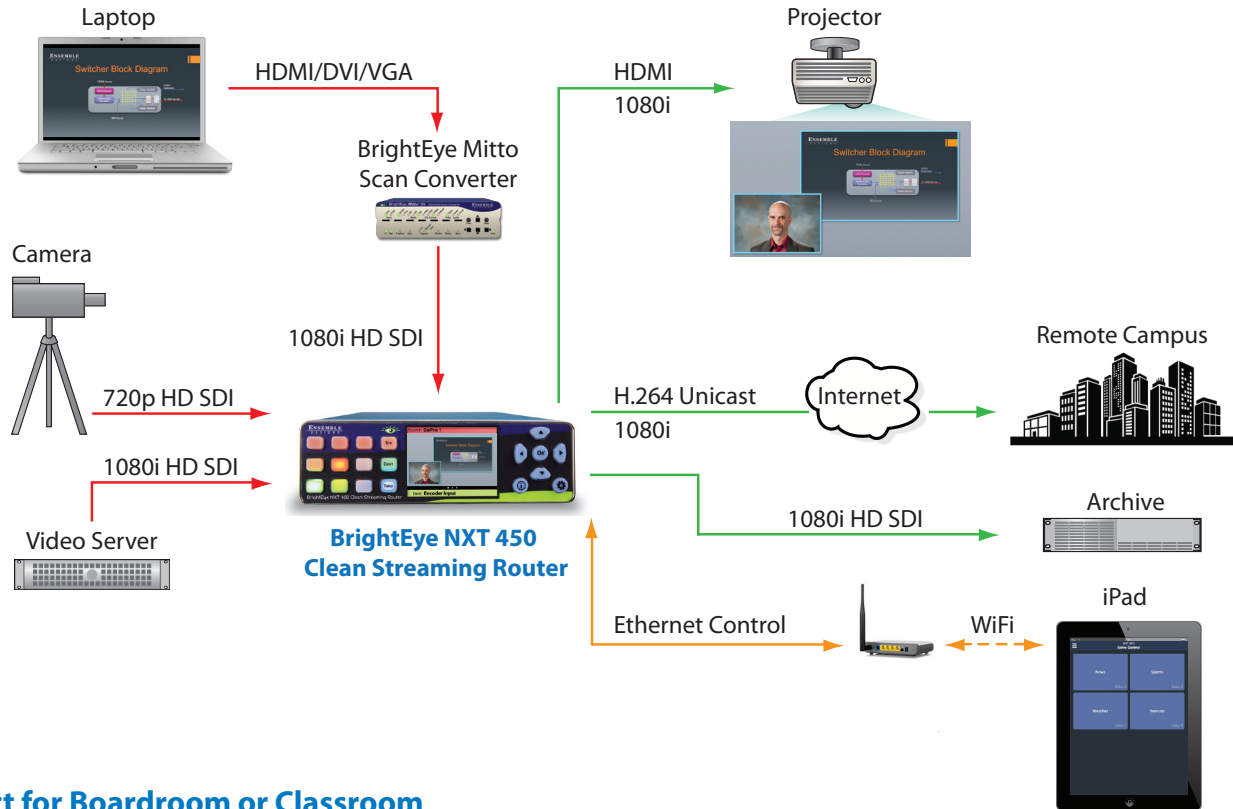


- **High Resolution Picture in Picture Effects**
- **Easy to Customize PiP Layouts**
- **Instant Recall of Layouts from User Presets**
- **Full Control of Size, Position and Cropping**
- **Dual PiP Windows Over Matte Background**
- **Fully Routable Output**
- **Dissolve and Cut to PiP Effects**
- **Switch Sources within PiP Effects On The Fly**
- **Mix and Match Video Formats within PiP Effects**
- **Customizable Border Effects**

ENSEMBLE
DESIGNS

Education Application – BrightEye NXT 450, 430-X and 410-H

Lecture Capture Example



Perfect for Boardroom or Classroom

Cameras, video playback devices, and computers can be brought into the BrightEye NXT 450, 430-X and 410-H Compact Routers and switched or dissolved live to individual or multiple destinations. User-created PiP-Efx layouts become a source in the routing matrix. You can cut or dissolve to them as part of the production. The switched program can be distributed through multiple router outputs, and in multiple formats simultaneously. Route SD, 720p, 1080i, or 1080p versions by SDI (BNC), HDMI or fiber using optional SFP modules. In the NXT 450 Clean Streaming Router, the PiP-Efx program can be encoded to MPEG-4 (H.264) and delivered by IP Unicast, Multicast, or DVB-ASI to distant locations over public or private networks.

Easy To Use Controls

Simple, well thought-out user interface controls make creating PiP-Efx layouts a breeze. Full setup, control, and user preset recall can be accessed via any web browser enabled device: laptop, tablet, even a smartphone.

