BrightEye NXT 430-X, 430 and 415

Compact Routers

New Routing Technology

The BrightEye NXT 430 family of compact routers is famous for clean and quiet switching of video and audio sources.

Fully Featured

The BrightEye NXT 430 offers features such as dissolves, audio breakaway mode, direct take for even faster switching in a live environment, programmable router action keys and salvo registers, RS-232 control, and transportable system settings.

Clean Switch – Use Asynchronous Sources

The BrightEye NXT 430 Compact Router gives you two clean switched outputs. The clean switches provide full frame synchronization. If you don't need clean switching, you may prefer the BrightEye NXT 415 Compact Router. It has all the capability of the 430, except for clean switched outputs.

Assignable I/O and Flexible Architecture

You get to configure the number of inputs and outputs; the configuration is changeable on-the-fly. The two SFP (small format plugable) cages can be populated with dual SFPs that have fiber optic or other connectors, allowing you to determine the best connector for your installation.

Convert While You Route

The new BrightEye NXT 430-X Compact Router with U/D/C Conversion and Clean and Quiet Switching allows format conversion to take place while routing signals to destinations.

Control From Third Party Devices

BrightEye NXTs can be controlled from third party devices using serial protocols via TCP/IP, RS-232, and SNMP.

Web-Browser Control

The BrightEye NXT family of compact routers has a web server and Ethernet connector, allowing full control and set up from virtually anywhere with any web browser enabled device.

Features

- **Router for 3G, HD, SD SDI video**
- **Fiber, HDMI and analog composite with SFPs**
- **Flexible I/O – Configure BNCs and SFPs as inputs or outputs**
- **Clean switching of video and embedded audio**
- **Dual Up/Down/Cross conversion (with model 430-X)**
- **Dissolve and Cut transitions**
- **Direct Take mode**
- **Programmable Salvo and Action Keys**
- **Audio level adjustments**
- **System wide configuration registers**
- **RS-232 and TCP/IP 3rd-party control interfaces**
- **Front panel and web-based control**