

UTAH-400 FLEX-I/O Option



The UTAH-400 Routing Switcher has become well-known for offering a wide range of I/O options for connecting various video signal formats to the routing switcher frame. The latest addition to this range of solutions is the FLEX-I/O Option which allows formats to be mixed on a sub-module basis.

The FLEX-I/O Option offers plug-in SFP modules that are installed at the rear of the router to provide conversion to and from composite analog video or digital optical signals, allowing the signal formats to be freely mixed on any router. This option consists of input and output cards which carry 8 or 12 signals each -- depending on the router architecture, internal connector cards that hold the I/O converter blocks, and updated rear-panel assemblies that provide access for the converter blocks.

FLEX-I/O OPTION FEATURES

- 8 or 12 INPUTS / OUTPUTS PER BOARD
- SD / HD COMPATIBLE -- INCLUDING 3Gbps FORMATS
- COMPOSITE ANALOG CONVERTER BLOCKS
- MIX FIBER AND COAX CONNECTIONS IN ANY UTAH-400 FRAME



The SFP modules are removable from the rear of the frame for easy servicing and field installation. Each module carries two signals -- four modules are required to fully equip each 8-channel board. The optical connectors on the modules are the standard LC-type, both single and dual LC connectors can be used. Coax connectors are HD-BNC.

Note:

Due to physical constraints, the FLEX-I/O option is not available for the 2RU UTAH-400/32 frame. All other UTAH-400 frames can be fitted with rear panels to support this option.

FLEX-I/O Coax SFP Modules

TRANSMITTERS

- SD to Composite NTSC/PAL video dual channel
- 3Gbps SDI SFP Coaxial Dual Transmitter
- 3Gbps SDI SFP Coaxial Dual Transmitter with Re-clocker

RECEIVERS

- Composite NTSC/PAL to SD video dual channel
- 3Gbps SDI SFP Coaxial Dual Receiver
- 3Gbps SDI SFP Coaxial Dual Receiver, Long reach
- 3Gbps SDI SFP Coaxial Dual Receiver, Long reach with Re-clocker

NOTES:

- All coax modules have two HD-BNC connectors.
- Fiber SFP modules are also available.



FOR FURTHER INFORMATION
 on the individual products in the UTAH-400 family, please refer to the detailed data sheets that are available on our Web Site:
www.utahscientific.com