

FLASHLINK

AES-VMUX

Multi channel audio over SDTI multiplexer

The AES-VMUX is an audio multiplexer that enables low latency audio networks.

The AES-VMUX is used to transport a large number of digital audio signals and can flexibly both add and drop audio channels on the same board ensuring an optimized fit to need. Its multiplex design is optimized for ensuring minimum latency in the audio network, by adding delay only at ingest point. The audio signals are transported completely asynchronously and bit transparently ensuring optimized audio quality and enabling transport of intercom systems utilizing AES.

The board supports both optical and electrical networks, and can utilize existing SDI network for transport.

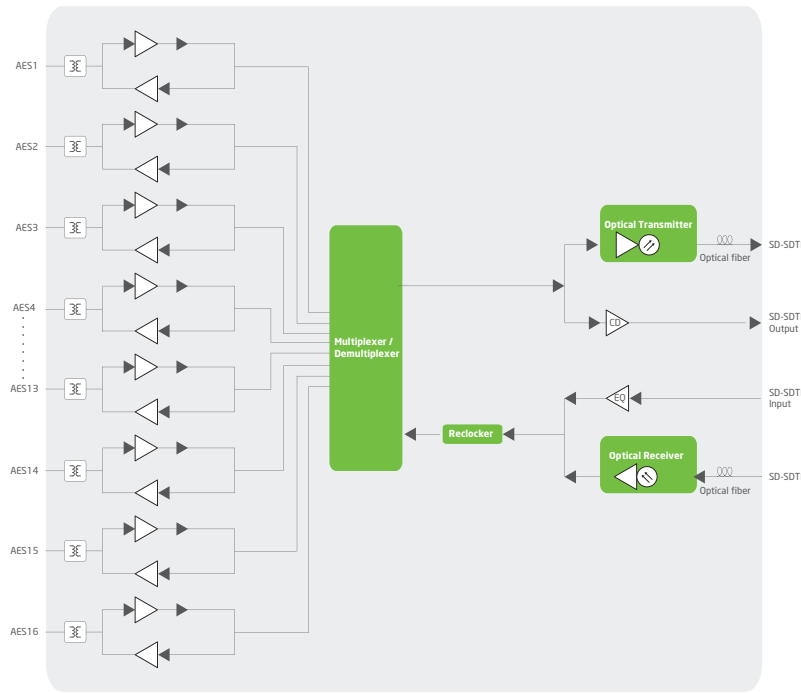
The card is easy to use with minimum setup needed and broadcast centric control enabled thru Nevions control panel support.

Applications

- Live media networking
- Audio contribution
- Intercom transport

Key features

- Up to 64 AES over SDTI per fibre
- Supporting ring network topologies
- Fully asynchronous audio transport of all channels
- 16 configurable AES ports
- Ingests up to 16 AES signals on one card
- All 64 channels on the multiplex available to any of the 16 AES ports
- CWDM support
- Optics removable with main board without detaching fiber connections



AES-VMUX

Supported standards

AES	AES3-2003
SDTI	SMPTE 305M
Optical	SMPTE 297

General

Power	+5V / 4.0W
GPI	2 in , 4 out

Electrical transport input

Number of inputs	1
Connectors	BNC
Impedance	75 Ohm

Electrical transport output

Number of outputs	1
Connectors	BNC
Impedance	75 Ohm

Optical transport input

Optical ports	2 SC/UPC
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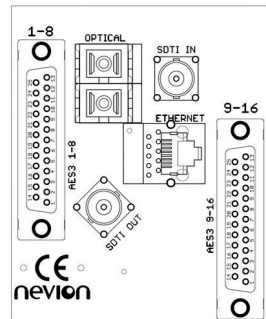
See Nevision's range of Optical Video Transceiver SFPs

Electrical digital audio in/out

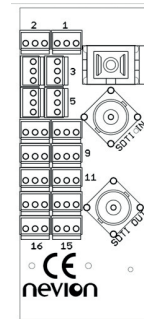
Number of outputs	16
Connectors	BNC or DSUB depending on backplane
Impedance	75 Ohm or 110 Ohm depending on backplane
Direction	Configured direction form Multicon GYDA

Ordering options

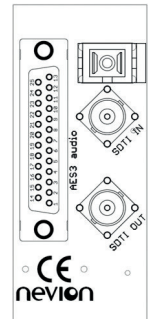
For ordering information please contact product@nevision.com



Option C1



Option C3



Option C4



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