

Flashlink

CONV-SFP-4

Quad channel SFP converter

Nevion's Flashlink module CONV-SFP-4 is a broadcasters toolbox for their ad-hoc signal conversion, being electrical to optical, analog to digital, SDI to HDMI and more.

SFPs are easily replaced from the back of the unit to allow quick change of functionality making the unit ideal in event setups where unforeseen technical requirements pop up. As the unit fits in Nevision's single card Flashlink enclosure N-BOX, the unit can be placed right where the conversion is needed, being on the stage or behind monitors. The unit also fits in the Flashlink 2RU modular frame for installation inside equipment rooms.

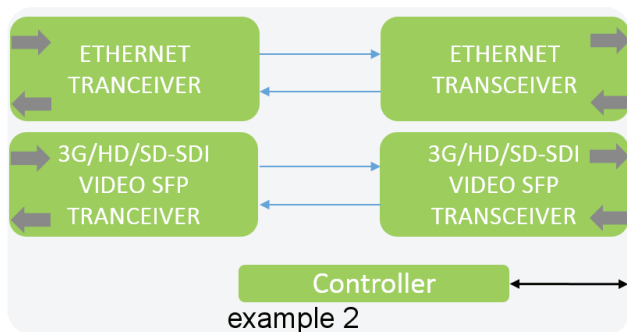
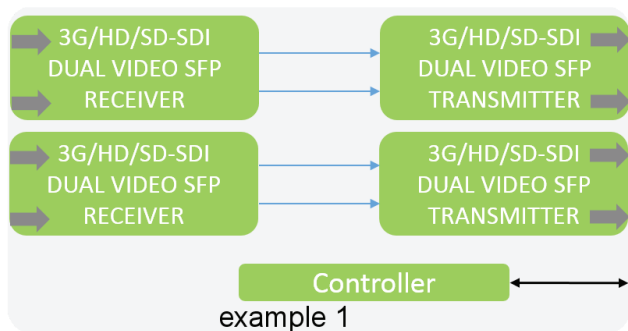
SNMP and web interface for monitoring of signal and module status is made available through the Multicon control system.

Applications

- Dark fiber networks
- Optical video transport
- Broadcast contribution networks
- CWDM

Key features

- Quad channel converter
- 3G-SDI, HDMI, GbE, Analog video
- Hot-swap
- SFP status monitoring

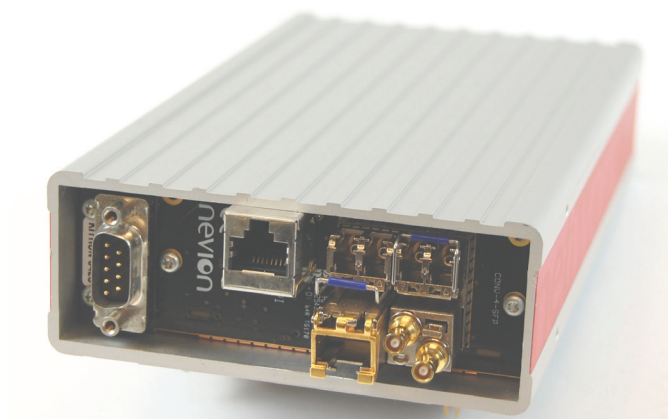


Product description

The CONV-SFP-4 is a quad channel SFP converter that utilizes Nevion’s range of video and GbE SFPs for flexible and cost efficient conversions.

The product can be configured with different SFPs enabling a large range of electrical/optical conversions as well as signal conversion. Bundles of these SFPs are provided as hardware options to the product for pre-installation of the SFPs with the module. All active components are placed on the module that can be hot-swap replaced from the front. SFPs are hot-swap replaced from the back. This ensures minimum service down time for upgrades or unit replacement.

The SFPs and module health and signal status is monitored and presented thru web or SNMP interface with the Multicon control system when installed in the modular Flashlink frames.



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General

Power	5.0W/5V
User interface	Status LED, Status GPI, configuration DIP switches Web interface and SNMP thru Multicon controller
Operating temperature	0 – 40C

Supported standards

Dual Rx SFP interface

No of SFP interfaces	Up to 2
Applicable SFPs	Nevion's video SFP range

Dual Tx SFP interface

No of SFP interfaces	Up to 2
Applicable SFPs	Nevion's video SFP range

Rx/Tx SFP interface

No of SFP interfaces	Up to 4
Applicable SFPs	Nevion's video and GbE SFP range

Configurable GPI ports

No of ports	5
Connector	RJ45

GPI inputs

No of inputs	Up to 5
Signal type	Internal pull-up to 3.3V

GPI outputs

No of outputs	Up to 5
Signal type	Open collector transistor
Maximum voltage	15VDC
Maximum current	150mA

Ordering options

24028 CONV-SFP-4	Quad channel multi-format SFP based converter card. Product supports both video and GbE SFPs. The product needs additional HW modules.
24031 CONV-HW-3G-13T-2	Hardware module for dual non-relocked 3G-SDI electrical to optical converter.
24033 CONV-HW-3G-13T-S	Hardware module for 3G-SDI electrical to optical converter and optical to electrical short haul converter.
24029 CONV-HW-3G-CWDM-2	Hardware option for dual re-clocked 3G-SDI electrical to optical CWDM converter.
24034 CONV-HW-3G-CWDM-L	Hardware module for 3G-SDI electrical to optical CWDM converter and optical to electrical long haul converter.
24030 CONV-HW-3G-OE-L-2	Hardware module for dual relocked 3G-SDI optical to electrical long haul converter.
24032 CONV-HW-3G-OE-S-2	Hardware module for dual non-relocked 3G-SDI optical to electrical short haul converter.
24038 CONV-HW-ETH-13T-ER	Hardware module for Gigabit Ethernet electrical to optical, extended reach converter.
24037 CONV-HW-ETH-13T-LR	Hardware module for Gigabit Ethernet electrical to optical, long reach converter.
24035 CONV-HW-ETH-CWDM-ER	Hardware module for Gigabit Ethernet electrical to optical CWDM, extended reach converter.
24036 CONV-HW-ETH-CWDM-ZR	Hardware module for Gigabit Ethernet electrical to optical CWDM, ultra extended reach converter.
24039 CONV-HW-NBOX	Hardware enclosure for CONV-SFP-4.



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