

FLASHLINK

HD-TD-10GMX-6 / HD-TD-10GDX-6

6ch HD/SD/ASI and 2ch SD/ASI into 10G multiplexer

Flashlink HD-TD-10GMX-6 and HD-TD-10GDX-6 are high density video multiplexers and de-multiplexers that transport 6 channels of HD-SDI and 2 channels of SD-SDI over a single optical wavelength.

The HD-SDI channels also support SD-SDI and ASI – auto-detection allows for plug-and-play functionality. The link is entirely transparent and features a fixed, low latency for each channel. This ensures that synchronicity is maintained through-out the transport. The product also supports asynchronous video streams, allowing multi-standard video transport over the same wavelength.

Video formats for each channel are reported by the management system. Programmable alarms are available to alert the transport of non-compliant video formats.

The modules are SFP based and support Nevision's 10G SFP+ range covering short haul 13T and long reach CWDM and DWDM.

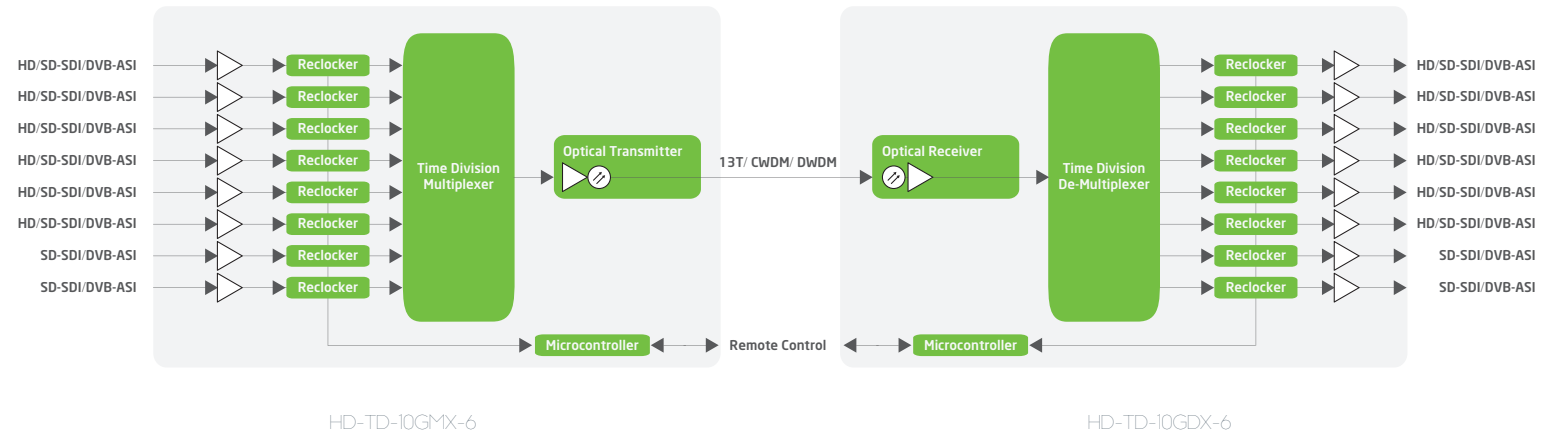
The card is easy to use and set-up, with web interface and SNMP support. Extensive third party support is provided through the Flashlink system controller Multicon.

Applications

- Dark fiber networks
- Service provider networks
- In-house/ campus networks

Key features

- 6x HD-SDI + 2x SD-SDI on a 10G optical
- ASI support on all channels
- 18 channel CWDM support
- 40 channel DWDM support
- Low latency
 - < 1 video line HD
 - < 2 video lines SD
- Transparent
- Supports asynchronous video
- Plug and play – no need for configuration



General

Maximum power	12.2W, HD-TD-10GMX-6 7.8W, HD-TD-10GDX-6
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Supported standards

SD, 270 Mbps	SMPTE 259M, SMPTE 272M-AC
HD, 1485 Mbps	SMPTE 292M, SMPTE 274M, SMPTE 291M, SMPTE 296M, SMPTE 299M
DVB-ASI	EN50083-9

Optical 10G input/output

See relevant SFP+ datasheet

Electrical SDI inputs (HD-TD-10GMX-6)

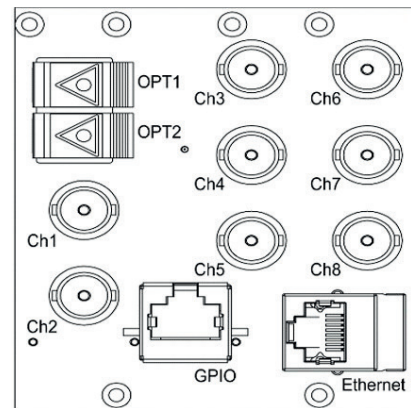
Number of inputs	8
Connectors	75 Ohm BNC
Equalization	Automatic >100 m for HD-SDI, applies only to channel 1-6 >275 m for SD-SDI and DVB-ASI
Input return loss	>15 dB, 5 MHz -1.5 GHz
Jitter tolerance	>0.2 UI

Electrical SDI outputs (HD-TD-10GDX-6)

Number of outputs	8
Connectors	75 Ohm BNC
Output return loss	>15 dB, 5 MHz -1.5 GHz
Output signal level	800 mV +/- 10%
Output jitter	<0.15 UI

Ordering options

22714 HD-TD-10GMX-6	6HD-SDI + 2SD-SDI into 10G multiplexer
22715 HD-TD-10GDX-6	6HD-SDI + 2SD-SDI into 10G de-multiplexer



Back panel



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