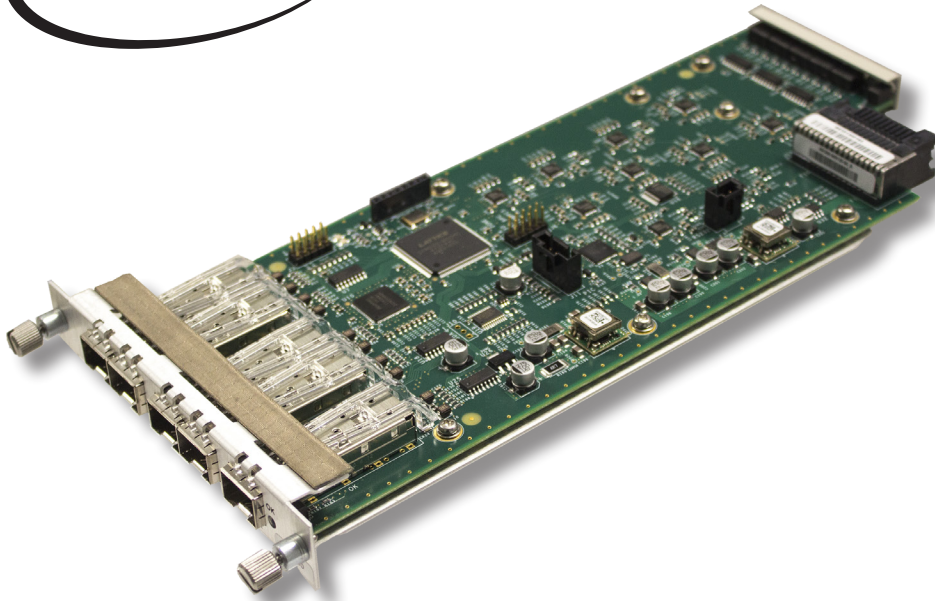




DigiLink DLC105 - 5-Port SFP based Media Access and Transport



The DLC105 provides flexible media access to DigiLink chassis for routing, transport, and DA applications.

The DLC105 features five bi-directional SFP cages for use as a media access point to the DigiLink chassis. These SFPs can be populated to support up to 5 video inputs and 5 video outputs, 5 HDMI ports, or any combination of each. When deployed within the DL4360x DigiLink media transport chassis, the DLC105 creates a flexible 60 x 60 optical

and electrical video router. Combining the DLC105 with other transport and format conversion modules in the DigiLink chassis creates a cost and space effective solution for transport centric processing and routing of broadcast quality video signals.

FEATURES

Flexible SFP access to DigiLink chassis

- Optical
- Electrical video (HD-BNC)
- HDMI

Uses industry standard SFP optics

- Optical budget to 30dB
- WDM (1310nm, 1550nm)
- CWDM ITU G.694.2 (Channels 27-61)

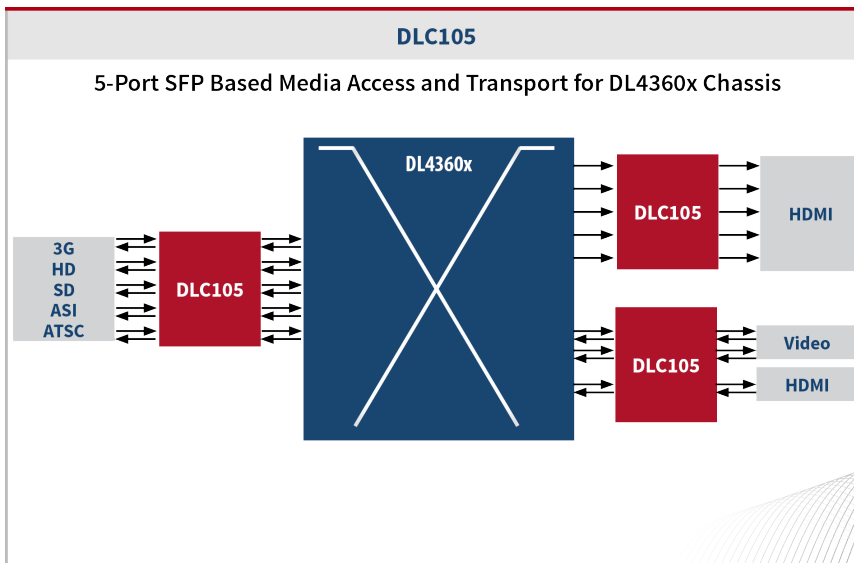
Supports all standard video formats

- 2.967 Gb/s 3G-SDI (SMPTE 424M)
- 1.485 Gb/s HD-SDI (SMPTE 292M)
- 270 Mb/s
 - SD-SDI (SMPTE 259M-C, ITU 656)
 - SDTI (SMPTE 305M)
 - DVB-ASI
- 19.39 Mb/s ATSC (SMPTE 310M)

Reclocked video to reduce jitter

Front and rear panel status LEDs

NEBS Level 3 Certified



SPECIFICATIONS

Environmental

Operating Temperature	0 to 50°C
Ambient storage temperature	-40 to 80°C
Relative humidity	10 to 95% (non-condensing)
Power dissipation	< 13 Watts (all channels active)

Physical

Dimensions	0.8" x 5" x 10.8" (1 slot in chassis)
Weight	<2 pounds, (1kg)

Video Interface

Signal Formats	3G-SDI (SMPTE 424M) HD-SDI (SMPTE 292M) SD-SDI (SMPTE 259M) SDTI (SMPTE 305M) DVB-ASI
Rates	270 Mb/s ±100ppm 1.485 Gb/s ± 100 ppm 1.485/1.001 Gb/s ± 100 ppm 2.970 Gb/s ± 100 ppm 2.970/1.001 ± 100 ppm Other rates passed in bypass mode

Physical Interfaces

5 SFP Cages	See SFP Specifications
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Regulatory Conformance

Compliance:	Certified NEBS Level 3, CSA 60950, EN60950, EN55022 FCC Part 15 (Class A), CISPR 22
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UPDATED 11/04/2016

All specifications subject to change without notice. ©2016



Schedule
Contract GS-03F-016CA

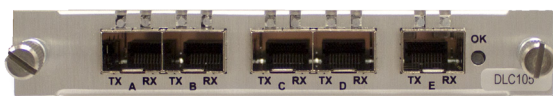
Ordering Information

Model	Description	Part #
DLC105	5-Port SFP based Media Access and Transport	390-009120-00

SFP Options See SFP/SFP+/XFP compatibility chart



DLC105 front panel status LEDs



DLC105 rear panel SFP tranceiver cages and status LEDs

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