

HD-MULTI-LINK

PRELIMINARY

HDSDI Repeater/Transport, HDSDI Fan
Out DA with HDMI & Audio monitoring.
Available in 1.5

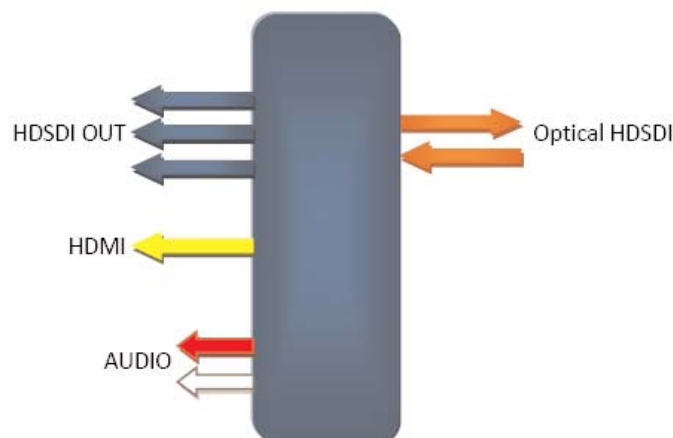
COMPATIBLE WITH: -RMT,-BLANK,-WALL

SUMMARY

- Optical Input & Optical Output to pass signal on to next device.
- Compatible with SMPTE compliant HDSDI, including the HD-1500
- 3 Output HDSDI DA
- HDMI Output for cost effective local monitoring.
- Audio De-embedding from HDSDI stream for output on HDMI connection and on separate RCA jacks.
- Supports the SMPTE 292M 1.485 Gbps standard.
- Supports the SMPTE 259M 270Mbps standard.
- Supports the SMPTE 310M 19.4Mbps, M2S or DVB-ASI 270Mbps, SMPTE 344M 540Mbps and SMPTE 305M SDTi rates.
- Supports embedded audio and data. Audio and data must be embedded externally.
- Three Re-clocked Outputs.
- Stand-alone unit ideal as a Throw Down for Field Applications.
- Rack-mountable with Optional -RM.
- Singlemode link distance up to 24KM at 1.485Gbps.
- Multimode operation typically more than 200 meters.
- Small rugged portable configuration.
- Available with ST, LC or FC optical connectors.
- Error free pathological pattern operation.
- External Battery operation from 5 to 16 VDC.
- In line power supply included, 5 VDC

The HD-Multi-Link is an economic solution designed for transmission and distribute of SDI and HD-SDI TV signals on single mode fiber optic cable. Perfect for today's professional and broadcast applications. Stand alone or rack card configurations simplify mounting. Applications include video production, video editing, ENG, computer networking and transport links for STL, studio to studio and studio to CATV head end or application that requires drop and repeat of HDSDI with HDMI monitoring capability.

FUNCTIONAL DIAGRAM



CONTACT

1-(800)-4TV-TEST (US and Canada)
1-(800) 488-8378
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SPECIFICATIONS

- LED indicators for Data Rate, HD, Lock and Power for Optical Send and Receive
- Fiber Input: Type: ST, LC or FC. Wavelength: 1310nm. Sensitivity: -20 dBm.
- Fiber Output: Type: ST, LC or FC. Wavelength: 1310 Singlemode or Multimode. Power: -12 dBm
- Three re-clocked coaxial outputs

HDMI Output:

HDMI with embedded audio, 24-bit (selectable by internal jumper: 2 or 8 channels) Audio, 2 channel RCA-style outputs at -10dBV (nominal), Channel 1 and 2 1 Looping SDI/HD-SDI output of the SDI input (75 ohm, unterminated)

HDMI:

Standard Type A connector

Video:

8-bit RGB 4:4:4 or
10-bit YCbCr 4:2:2 (selectable by internal jumper)

Audio:

24-bit, with 2 or 8 embedded channels (selectable by
internal jumper)

HDCP

The Hi5 does not encode the HDMI output with HDCP encryption. By definition, SDI/HD-SDI inputs to the Hi5 are unencrypted. The HDMI specification requires HDMI monitors to support unencrypted inputs.



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