

2432TX-2

Dual path dual link DVI to serial converter

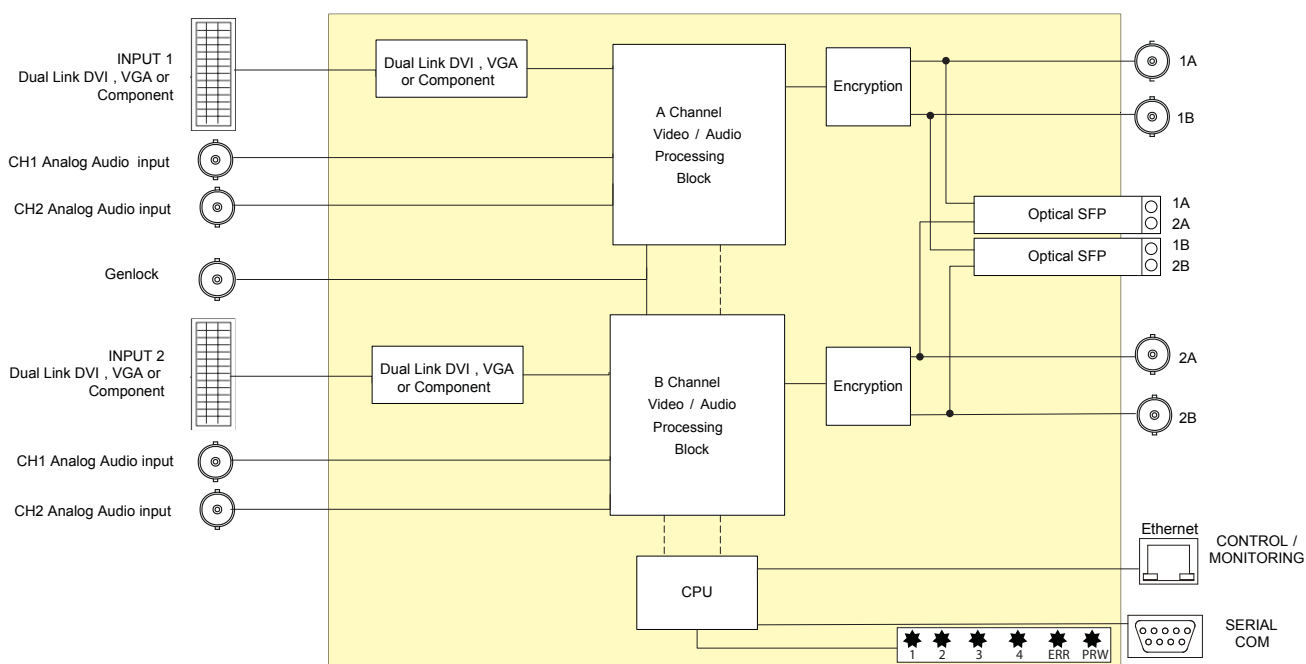
The 2432TX-2 is a versatile dual path dual-link DVI to serial digital converter. The 2432TX-2 is used as extension of DVI over coax or fiber. The 2432TX-2 is used in combination with the 2431RX-2 dual path dual-link DVI receiver. This self-contained unit accepts up to two simultaneous inputs (DVI, VGA or Component), as well as 1 audio pair per input, and transmits these inputs over coax (two cables per input for Dual link DVI) and over fiber if SFP option install (two fibers per input for Dual link DVI). The 2432TX-2 can also be used in projects where conversion from DVI to serial digital is required. The 2432TX-2 unit is capable of scaling (best fit) input to SMPTE 259M, 292M or 424M and embeds audio.

2432TX-2 is HDCP compliant.



► Features & Benefits

- Supports two independent DVI, VGA or component inputs
- Provides serial digital outputs via coax as standard and via hot pluggable SFPs with the fiber optics option installed
- Supports SMPTE standard serial digital outputs for applications where DVI, VGA or component video conversion to SDI is required
- Configurable input scaling to best fit SMPTE 259M, 292M or 424M standard
- Full 24 bits-per-pixel color resolution
- Embedded audio (1 stereo pair per input)
- Supports single-mode and multi-mode fiber optic cable (contact factory for multi-mode applications)
- SNMP enabled for configuration.
- HDCP compliant



► Specifications

Video Inputs: Number of Inputs: 2 Connectors: 28-pin DVI Supported Input Format: DVI, VGA and Component Supported Resolution: VESA: VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, WSXGA+, WUXGA, WQXGA (dual-link), CEA-861B: 480p, 576p, 720p, 1080i, 1080p Color Resolution: 24 bits	Genlock: Number of Inputs: 1 Connectors: BNC per IEC 60169-8 Amendment 2 Termination: 75 Ω internal	Output Power: 1310nm: -2dB ± 1dBm CWDM: +1dBm ± 1dBm
Analog Audio Input: Number of Inputs: 1 stereo pair per Video input (BNC to RCA connector included) Connectors: BNC per IEC 60169-8 Amendment 2 Impedance: 25K ohms Frequency Response: ±3dB (20Hz to 20kHz) THD: < 0.5% (20Hz to 20KHz) Channel Phase Difference: < ±1° SNR: > 75 dB Maximum Input Level: 2 dBu Signal Quantization: 24 bits @ 48 kHz	SDI Output: Number of Outputs: 2 (Total 4 BNCs are used if Dual link transmission mode is used) Connectors: BNC per IEC 60169-8 Amendment 2 Standard: SMPTE 259M, 292M, 424M and Evertz proprietary 3GLINK	Electrical: Voltage: 12V DC, Auto ranging 100-240V AC 50/60Hz adapter included Power: 27W
	Optical Output: Number of Outputs: 2 output on single SFP (2 SFP are used if Dual link transmission mode is used) Connector: Female LC/UPC	Physical: Dimensions: With flanges: 7.81"L x 5.63"W x 1.75"H (199mm L x 143mm W x 45mm H)
	Wavelengths: Standard: 1310nm CWDM: 1270-1670nm	Compliance: Electrical Safety: Power supply UL listed. Complies with CE Low Voltage Directive Laser Safety: Class 1 laser product. Complies with 24 CFR 1040.10 and 1040.11 IEC 60825-1 EMI/RFI: Complies with FCC Part 15, Class A EU EMC directive

► Ordering Information

2432TX-2 Dual path dual link DVI to serial converter (Includes power adapter)	VESA mount: 2400VESA	VESA Extension mount for 2400 series products
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Optical Output Option:
SFP3T-13-2 Dual 1310nm optical transmitter module