DTAxrD2P-OUT2-F34

2–Channel 4K HDR HDMI over HDBaseT 2.0 DSC Output Card with Analog Audio & PoE Provider

| Ethernet - RJ-45 | HDBaseT | 4K/60 UHD (4:4:4)

DTAxrD2P-OUT2-F34 is a two-channel, 4K@60Hz (4:4:4), DSC, HDMI, analog audio, bidirectional RS-232, Ethernet, & IR over HDBaseT twisted pair transmitter card for compatible Kramer Modular Multi-Format Digital Matrix Switchers. DTAxrD2P-OUT2-F34 outputs two extended-reach HDBaseT signals with selectable embedded/de–embedded analog audio, bidirectional RS-232, IR, and Ethernet from the chassis to the line

FEATURES

Max. Data Rate - 18Gbps (6Gbps per graphics channel), 10Gbps DSC over CAT cable

Max. Resolution - 4K@60Hz (4:4:4)

PoE Provider - Provides power over Ethernet to connected devices

Analog Audio Embedding/De–embedding or ARC - On the same jack

HDBaseT Technology - HDTV compatible, HDCP 2.2/1.4 compliant

System Range - Up to 100m at normal mode (4K), up to 130m (430ft) at normal mode (2K), up to 180m (590ft) ultra mode (1080p @60Hz @24bpp). Note: When using Kramer HDBaseT cables

Ethernet Extension - Ethernet interface data flows in both directions, allowing extension of up to 100Mbps Ethernet connectivity for LAN communication and device control

Bidirectional RS–232 Extension: - Serial interface data flows in both directions, allowing data transmission and device control

Bidirectional Infrared Extension: - IR interface data flows in both directions, allowing remote control of peripheral devices located at either end of the extended line

3D Pass–Through

PoE (Power over Ethernet) Enabled - Provides PoE power to a connected device with the Kramer PoE Power Supply Add–On PS–4812 (sold separately)

TECHNICAL SPECIFICATIONS

Inputs	2 HDBaseT: On RJ–45 connectors
Ports	2 Unbalanced Audio: On a 6–pin terminal block connector
	2 RS-232: On a 6–pin terminal block connector
	2 IR: On a 4–pin terminal block
	1 Ethernet: On an RJ–45 connector
Extension Line	Compression: Low–level standard DSC compression for signals above 4K@60 (4:2:0)
	4K@60 (4:4:4) Range with Compression Up to 100m (330ft)
	4K@60 (42:0) Range with No Compression Up to 100m (330ft)
	Full HD (1080p@60Hz) Range with No Compression: Up to 130m (430ft),
	Full HD (1080p@60Hz) Range in Ultra−Long Mode: Up to 180m (590ft)
	Compliance: HDBaseT 2.0
	Note: Use Kramer shielded cables to achieve optimum extension ranges
Video	Max Bandwidth with Compression: 17.95Gbps (5.98Gbps per graphic channel)
	Max Bandwidth with No Compression: 10.2Gbps (3.4Gbps per graphic channel)
	Max Resolution with Compression: 3840x2160@60Hz 4:4:4 24bpp
	Max Resolution with No Compression: 4096x2160@60Hz 4:2:0 24bpp
	Compliance: HDCP 2.2, HDR 10
Extended Ethernet	Bandwidth: Up to 100Mbps
Extended RS-232	Baud Rate: 300 to 115200
Power	Consumption: 21.5W
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F)
	Storage Temperature: –40° to +70°C (–40° to 158°F)
	Humidity: 10% to 90%, RHL non–condensing
REGULATORY COMPLIANCE (STANDARDS COMPLIANCE):	
Regulatory Compliance (Standards Compliance)	Safety: CE
	Environmental: Complies with appropriate requirements of RoHs and WEEE