DTAxrC2-OUT2-F34

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

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

DTAxrC2-OUT2-F34 is a two-channel, 4K@60Hz (4:4:4), CSC, HDMI, analog audio, bidirectional RS-232, Ethernet, & IR over HDBaseT twisted pair transmitter card for compatible Kramer Modular Multi-Format Digital Matrix Switchers. DTAxrC2-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 CSC over CAT cable

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

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

Outputs	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	Standard Compression: Up to 100m (330ft) at 4K@60Hz (4:4:4), 4K@60Hz (4:2:0) or 4K@30Hz (4:4:4)
	Up to 180m (590ft) at full HD (1080p @60Hz 24bpp)
	High Compression: Up to 100m (330ft) at 4K@60Hz (4:4:4), or 4K@60Hz (4:2:0)
	Up to 180m (590ft) at 4K@30Hz (4:4:4)
	Up to 200m (650ft) at full HD (1080p @60Hz 24bpp)
	No Compression: Up to 100m (330ft) at 4K@60Hz (4:2:0)
	Up to 180m (590ft) at full HD (1080p @60Hz 24bpp)
	Standards Compliance: HDBaseT 1.0
	Note: When using recommended Kramer cables
Video	Max Data Rate: Up to 18Gbps (6Gbps per graphic channel), 10Gbps CSC over CAT cable
	Standard Compression Max Resolution: 4096x2160@60Hz (4:4:4) 24bpp
	High Compression Max Resolution: 3840x2160@60Hz (4:4:4) 24bpp
	No-Compression Max Resolution: 4096x2160@60Hz (4:2:0) 24bpp
	Compliance: HDCP 2.2, HDR 10
	HDMI Support: Deep color, x.v.Color™, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS–HD, 2K, 4K, and 3D as specified in HDMI 2.0
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

Product Dimensions	25.00cm x 13.00cm x 2.00cm (9.84" x 5.12" x 0.79") W, D, H
Product Weight	0.3kg (0.7lbs) approx
Shipping Dimensions	29.30cm x 16.50cm x 5.90cm (11.54" x 6.50" x 2.32") W, D, H
Shipping Weight	0.5kg (1.1lbs) approx

Environmental: Complies with appropriate requirements of RoHs and WEEE

Product Dimensions	25.00cm x 13.00cm x 2.00cm (9.84" x 5.12" x 0.79") W, D, H
Product Weight	0.3kg (0.7lbs) approx
Shipping Dimensions	29.30cm x 16.50cm x 5.90cm (11.54" x 6.50" x 2.32") W, D, H
Shipping Weight	0.5kg (1.1lbs) approx