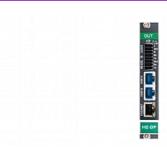


2-Channel 4K HDR HDMI over HDBaseT 2.0 | Ethernet - RJ-45 | HDBaseT | 4K/60 UHD (4:4:4) DSC Output Card with Analog Audio & PoE Provider



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 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

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 $+70^{\circ}$ 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