DTAxrD2-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. DTAxrD2-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)
- 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
## TECHNICAL SPECIFICATIONS

### Inputs
- 2 HDBaseT: On RJ–45 connectors
- 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

### Product Dimensions
- 25.00cm x 13.00cm x 2.00cm (9.84" x 5.12" x 0.79" ) W, D, H

### Product Weight
- 0.2kg (0.5lbs) approx

### Shipping Dimensions
- 29.30cm x 16.50cm x 5.90cm (11.54" x 6.50" x 2.32") W, D, H

### Shipping Weight
- 0.4kg (0.9lbs) approx