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
- 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

## 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):
- 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