DTAxrC2-IN2-F34
2–Channel 4K HDR HDMI over HDBaseT Input Card with Analog Audio & PoE Provider

DTAxrC2–IN2–F34 is a 2–channel, 4K@60Hz (4:4:4), CSC, HDMI, analog audio, bidirectional RS–232, Ethernet, & IR over HDBaseT twisted pair receiver card for compatible Kramer Modular Multi–Format Digital Matrix Switchers. DTAxrC2–IN2–F34 inputs two extended–reach HDBaseT signals with selectable embedded/de–embedded analog audio, bidirectional RS–232, Ethernet, and IR from the line to the chassis.

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

### 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
- **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
- **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
- **16.50cm x 34.50cm x 5.90cm (6.50" x 13.58" x 2.32" ) W, D, H**
Shipping Weight 0.5kg (1.1lbs) approx