



kramer

DTAxrD2-IN2-F34

2-Channel 4K HDR HDMI over HDBaseT 2.0
DSC Input Card with Analog Audio

| Ethernet - RJ-45 | HDBaseT



DTAxrD2-IN2-F34 is a 2-channel, 4K@60Hz (4:4:4), DSC, HDMI, analog audio, bidirectional RS-232, Ethernet, & IR over HDBaseT twisted pair receiver card for compatible Kramer Modular Multi-Format Digital Matrix Switchers. DTAxrD2-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 DSC over CAT cable

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

Analog Audio Embedding/De-embedding - 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



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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 (4:2:0) 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)	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