DTAxr-IN2-F16
2-Channel 4K60 4:2:0 HDMI over Extended Reach HDBaseT Input Card with Selectable Embedded or De-embedded Analog Audio

DTAxr-IN2-F16 is a 2-channel 4K60 4:2:0 HDMI, analog audio, bidirectional RS-232, Ethernet, & IR over HDBaseT twisted pair receiver card for the VS-1616 Series Modular Multi-Format Digital Matrix Switchers. DTAxr-IN2-F16 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 - 10.2Gbps (3.4Gbps per graphics channel)
Max. Resolution - 4K@60Hz (4:2:0)
Analog Audio Embedding/De-embedding - On the same jack
HDBaseT Technology - HDTV compatible, HDCP 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 TP on RJ-45 connectors
- 2 Unbalanced audio on a 16 pin terminal block

**Ports:**
- 2 RS-232 and 2 IR on a 10 pin terminal block for bidirectional RS-232 and IR extension;
- 1 Ethernet on an RJ-45 connector for bidirectional Ethernet extension

**BANDWIDTH PER CHANNEL:**
- Video: 3.4Gbps; Serial data: 115200

**TOTAL BANDWIDTH:**
- Video: 10.2Gbps; Serial data: 115200

**MAXIMUM 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

**3D PASS THROUGH:** Supported

**Extended Ethernet**
- Up to 100Mbps extended line rate bandwidth

**Extended RS-232**
- 300 to 115200 baud rate

**POWER CONSUMPTION:**
- 17W

**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

**STANDARD COMPLIANCE:** HDCP 1.4, HDMI 1.3a, HDBaseT

**SAFETY REGULATORY COMPLIANCE:**
- CE

**ENVIRONMENTAL REGULATORY COMPLIANCE:**
- Complies with appropriate requirements of RoHs and WEEE

**Product Dimensions**
- 19.00cm x 13.00cm x 2.00cm (7.48" x 5.12" x 0.79") W, D, H

**Product Weight**
- 0.3kg (0.6lbs) approx

**Shipping Dimensions**
- 24.20cm x 16.80cm x 6.00cm (9.53" x 6.61" x 2.36") W, D, H

**Shipping Weight**
- 0.4kg (0.8lbs) approx