HDBT-IN4-F32 is a four-channel HDMI, bidirectional RS-232, Ethernet, & IR over HDBaseT twisted pair receiver card for the VS-3232 Series Modular Multi-Format Digital Matrix Switchers. The HDBT-IN4-F32 inputs four extended reach HDBaseT signals with bidirectional RS-232, Ethernet, and IR from the line to the chassis.

FEATURES

- **Max. Data Rate** - 6.75Gbps (2.25Gbps per graphic channel)
- **HDBaseT Technology** - HDTV compatible, HDCP compliant
- **System Range** - Up to 130m (430ft) normal mode; 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:
4 HDBaseT TP on RJ−45 connectors

INPUTS:
4 RS−232 and 4 IR on 10 pin terminal blocks for bidirectional RS−232 and IR extension; 1 Ethernet on an RJ−45 connector for bidirectional Ethernet extension

BANDWIDTH PER CHANNEL:
Video: 2.25Gbps; Serial data: 115200

TOTAL BANDWIDTH:
Video: 6.75Gbps; Serial data: 115200

MAXIMUM RANGE:
130m (430ft) normal mode, 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:
28W

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
22.00cm x 18.80cm x 2.00cm (8.66" x 7.40" x 0.79" ) W, D, H

Product Weight
0.2kg (0.5lbs) approx

Shipping Dimensions
25.00cm x 22.50cm x 5.50cm (9.84" x 8.86" x 2.17" ) W, D, H

Shipping Weight
0.4kg (0.8lbs) approx