HDBT-OUT4-F32 is a four-channel HDMI, bidirectional RS-232, Ethernet, & IR over HDBaseT twisted pair transmitter card for the VS-3232 Series Modular Multi-Format Digital Matrix Switchers. The HDBT-OUT4-F32 outputs four extended reach HDBaseT signals with bidirectional RS-232, IR, and Ethernet from the chassis to the line.

**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

Outputs: 4 HDBaseT TP on RJ−45 connectors

Ports: 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: 19W

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 2.00cm x 16.40cm x 18.90cm (0.79" x 6.46" x 7.44") W, D, H

Product Weight 0.2kg (0.5lbs) approx

Shipping Dimensions 0.00cm x 0.00cm x 0.00cm (0.00" x 0.00" x 0.00") W, D, H

Shipping Weight 1.0kg (2.2lbs) approx