HDBT7-OUT2-F16  
2-Channel 4K60 4:2:0 HDMI over Long Reach HDBaseT Output Card

HDBT7-OUT2-F16 is a two-channel 4K60 4:2:0, long reach, HDBaseT output card for the VS-1616 Series Modular Multi-Format Digital Matrix Switchers. The HDBT7-OUT2-F16 outputs two long reach HDBaseT signals with bidirectional RS-232 and IR from the chassis to the line

FEATURES

- **Max. Data Rate**: 10.2 Gbps (3.4 Gbps per graphic channel)
- **Max. Range**: 40m (130ft) – 4K60 4:2:0 or 4K30 4:4:4; 70m (230ft) – 1080p 12bit (deep color). Note: When using Kramer HDBaseT cables
- **HDTV Compatible**
- **HDCP Compliant**
- **3D Pass-Through**
- **Bidirectional RS-232 and IR per Port**
- **Kramer Equalization and re-Klocking Technology**
# TECHNICAL SPECIFICATIONS

**PORTS:**
- 2 HDBaseT TP on RJ45 connectors, 2 RS-232 Serial ports on a 5 pin terminal block, 2 IR ports on 3.5mm jacks

**BANDWIDTH PER CHANNEL:**
- Video: 3.4Gbps, serial data: 115200

**TOTAL BANDWIDTH:**
- Video: 10.2Gbps, serial data: 115200

**MAXIMUM RANGE:**
- 40m (130ft) – 4K@60Hz (4:2:0) or 4K@30Hz (4:4:4), 70m (230ft) – 1080p 12 bit (deep color); Note: When using Kramer HDBaseT cables

**3D PASS THROUGH:**
- Supported

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

**POWER CONSUMPTION:**
- 8W

**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, HDTV compatible

**SAFETY REGULATORY COMPLIANCE:**
- CE

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

**INCLUDED ACCESSORIES:**
- Screw driver

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

**Product Weight**
- 0.2kg (0.3lbs) approx

**Shipping Dimensions**
- 34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05") W, D, H

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