DGKat-IN2-F16 is a two-channel HDMI and RS-232 over DGKat twisted pair input card for the VS-1616 Series Modular Multi-Format Digital Matrix Switchers. The DGKat-IN2-F16 inputs two HDMI and RS-232 over DGKat signals to the chassis.

**FEATURES**

- **Max. Data Rate** - 4.95Gbps
- **System Range** - Up to 90m (295ft) at 1080i @60hz or up to 70m (230ft) at 1080p @ 60hz when using Kramer DGKat cables. Note: Transmission range depends on the signal resolution, graphics card and display used. If using third-party shielded CAT cables, both ends of the shield must be soldered to the connectors for the products to function properly.
- **HDMI and HDCP Compliant**
- **DGKat™ Signal Integration**
- **3D Pass-Through**
- **Bidirectional Local RS-232 Port**
- **Kramer Equalization & re-Klocking Technology**
- **Power Connect System** - For supplying power to compatible TP transmitters.
### TECHNICAL SPECIFICATIONS

**PORTS:**
2 TP ports on RJ-45 connectors, 2 serial ports on 3-pin terminal blocks

**BANDWIDTH PER CHANNEL:**
- Video: 1.65Gbps; serial data: 19200

**TOTAL BANDWIDTH:**
- Video: 4.95Gbps; serial data: 19200

**MAXIMUM RANGE:**
90m (300ft) – 1080p @60Hz

**3D PASS THROUGH:**
Supported

**POWER CONSUMPTION:**
12W

**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

**SAFETY REGULATORY COMPLIANCE:**
CE, FCC

**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**
0.2kg (0.5lbs) approx

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

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