



## DGKat-OUT2-F16

2-Channel HDMI & RS-232 over DGKat  
Output Card

| DGKat



DGKat-OUT2-F16 is a two-channel HDMI and RS-232 over DGKat twisted pair output card for the VS-1616 Series Modular Multi-Format Digital Matrix Switchers. The DGKat-OUT2-F16 outputs two HDMI and RS-232 signals from 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 receivers



## TECHNICAL SPECIFICATIONS

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|                                      |                                                                         |
|--------------------------------------|-------------------------------------------------------------------------|
| 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) – 1080i@60Hz                                                |
| 3D PASS THROUGH:                     | Supported                                                               |
| POWER CONSUMPTION:                   | 10W                                                                     |
| 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                 |
| INCLUDED ACCESSORIES:                | Screwdriver                                                             |
| 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 (0.4lbs) 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                                                   |