KRAMER

DGKat-IN2-F16
2-Channel HDMI & RS-232 over DGKat
Input Card

| HDCP Compliant | DGKat | Kramer Core

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 Dimension	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 Dimension	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