KRAMER

VP-81SIDN
8x1 DGKat Digital Step-In Switcher

| DVI | HDMI | Ethernet - RJ-45
| HDCP Compliant | DGKat | Kramer Core
| AV Award

The VP-81SIDN is a high-performance digital switcher for DGKat twisted pair, DVI and HDMI signals. The unit has DVI and HDMI local inputs and eight DGKat inputs from HDMI, DVI, DisplayPort and computer graphics video step-in modules, each of which has a step-in button to select the input on the switcher

FEATURES

Max. Data Rate - 4.95Gbps (1.65Gbps per graphic channel)

HDTV Compatible

HDCP Compliant

Cascades Up to Four Units - Via the HDMI port to provide up to 8 twisted pair inputs

Step-In Support - Supports the SID range of DGKat Step-in Commander panels for remote inputs and remote step-in control

USB Power Port - Provides power to USB devices and KW-11

EDID Capture - Copies and stores the EDID from a display device

DGKat™ Signal Integration - Kramer's unique technology for converting TMDS as well as control and communication to signals that run over twisted pair cables

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

Flexible Control Options - Step-in switching (inputs 1-8), RS-232, RS-485, contact closure, Ethernet & IR

Worldwide Power Supply - 100-240V AC

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TECHNICAL SPECIFICATIONS

INPUTS:	8 DGKat twisted pair on RJ−45 connectors; 1 DVI−D, 1.2Vpp on a DVI Molex 24−pin (F) connectors, DDC signal 5Vpp (TTL), 1 HDMI; 2 unbalanced stereo audio (1 for DVI and 1 for HDMI) on 3.5mm mini jacks
OUTPUTS:	1 DGKat twisted pair on an RJ−45 connector, 1 HDMI; 1 balanced stereo audio on a 5−pin detachable terminal block, 1 unbalanced stereo audio on 2 RCA connectors, 1 digital audio on an RCA connector, 1 USB power port
BANDWIDTH:	4.95Gbps (1.65Gbps per graphic channel)
STANDARDS:	HDMI with Deep Color, x.v.Color™ and 3D
POWER CONSUMPTION:	100−240V AC, 50/60Hz 68VA
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
INCLUDED ACCESSORIES:	Power cord, Windows® based Kramer control software, RC−IR3 infrared remote control transmitter, rack "ears"
OPTIONS:	External remote IR receiver cable, 15m extension cable
Product Dimensions	19" x 7.20 x 1U (43.6cm x 18.30cm x 4.36cm) W, D, H
Product Weight	2.0kg (4.4lbs) approx
Shipping Dimensions	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H
Shipping Weight	2.8kg (6.3lbs) approx

From PT-571

CAT 5

From TP-573

CAT 5

HDMI

DVD Player

DVI

Computer Graphics Source

HDMI

Audio

DVD Player

CAT 5

To PT-572+

Audio

Stereo Audio Recorder

To remote output toggle switch

To remote input selections switches (1-10)

ETH