



VP-81SIDN

8x1 DGKat Digital Step-In Switcher



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.

Available 2nd Qtr 2014

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 37 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. We strongly recommend using Kramer DGKat™ cables designed specifically for optimum performance.
- System Range - Up to 50m (164ft) at 1080p on shielded BC-DGKat623 cable.
- Cable - Requires STP (shielded twisted pair) cable. For optimum range and performance, use Kramer's BC-DGKat623 or BC-DGKat7a23 cables. Note that the transmission range depends on the signal resolution, graphics card and display used. The distance using non-Kramer CAT 6 and CAT 7 cables may not reach these ranges. Use only shielded cable where both ends of the shield are soldered to ground.
- 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.
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.
DIMENSIONS:	43.7cm x 18.1cm x 4.4cm (17.2" x 7.1" x 1.7") W, D, H rack-mountable.
WEIGHT:	2.0kg (4.41lbs) approx.
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.

