



## SID-X1N

### 4-Input Multi-Format Video over DGKat Transmitter & Step-In Commander



The SID-X1N is a DGKat™ twisted pair transmitter and step-in commander for computer graphics video, HDMI, DVI, DisplayPort and unbalanced stereo audio signals. The unit includes a “Step-In” button that allows the local source to be routed as the active source on the main display through the main switcher.

## FEATURES

- Max. Data Rate - 4.95Gbps (1.65Gbps per graphics channel).
- Compatible Switcher - VP-81SIDN.
- HDTV Compatible.
- HDCP Compliant. - Works with sources that support HDCP repeater mode.
- HDMI Support - x.v.Color™ and 3D.
- I-EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI systems.
- Data Equalization and Reclocking.
- Input Signal Detection - Based on video clock presence.
- Automatic Input Selection - Based on manual selection or last connected input.
- Automatic Analog Audio Detection and Embedding.
- Local Balanced Audio De-embedding.
- Support for Digital Audio Formats.
- Lockable EDID.
- 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.
- 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.
- Power Connect™ System - A single connection to the transmitter powers both units when the devices are within 150ft (50m) of each other.
- Local Step-In Switching - Button & contact closure.
- Power Supply - Requires independent power supply.



## SID-X1N

### TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI, 1 DVI-D on a DVI-I connector, 1 DisplayPort, 1 VGA on a 15-pin HD connector, 1 unbalanced stereo audio on a 3.5mm mini jack.
OUTPUT:	1 DGM on an RJ-45 connector, 1 unbalanced stereo audio on a 3.5mm mini jack.
STANDARDS:	HDMI with x.v.Color™ and 3D; HDCP: works with sources that support HDCP repeater mode.
MAXIMUM STEP-IN DISTANCE:	50m (164ft) up to 1080p @60Hz.
POWER CONSUMPTION:	12V DC, 950mA.
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:	18.8cm x 11.3cm x 2.5cm (7.4" x 4.5" x 1") W, D, H.
WEIGHT:	0.48 kg (1.1lbs) approx.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-T2B 19" rack adapter, RTBUS-12, RTBUS-22, SID-X1BP Kit (substitute black top plate for the SID-X1N that blends with the color of the modular TBUS-10xl), RC-10TB remote contact closure switch.

