



# KRAMER

## SID-X3N

DisplayPort, HDMI, VGA & DVI Auto  
Switcher

| VGA/UXGA - 15-pin HD | DVI | HDMI  
| HDCP Compliant



The SID-X3N is an HDMI transmitter, 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 when connected to the VS-62H

## FEATURES

- Max. Data Rate - 6.75Gbps (2.25Gbps per graphic channel)
- HDTV Compatible
- HDCP Compliant - Works with sources that support HDCP repeater mode
- HDMI Support - Deep Color, x.v.Color™ and 3D
- EDID Pass-through - Pass-through algorithm ensures Plug and Play operation for HDMI source and display 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
- Local Step-In Switching - Button & contact closure
- Supports Programmable Step-In Functionality - Over HEC enabled HDMI cables, when used with compatible switchers such as the VS-62H
- Power Supply - Requires independent power supply



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## TECHNICAL SPECIFICATIONS

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INPUTS:	1 HDMI on an HDMI connector, 1 DP on a DisplayPort connector, 1 DVI-D on a DVI-I connector 1 VGA on a 15-pin HD (F) connector, 1 unbalanced stereo audio on a 3.5mm mini jack
OUTPUTS:	1 HDMI on an HDMI connector, 1 unbalanced stereo audio in a 3.5mm mini jack
PORTS:	1 RS-232 3-pin terminal block for programming, 1 USB power max. 1.5A
CONTROLS:	Front panel buttons, remote step-in switch, remote input selection switches
ANALOG AUDIO INPUT:	Maximum level – 3Vpp
REMOTE LED IMPEDANCE:	5V, 300Ω approx
STANDARDS:	HDMI with x.v.Color™ and 3D; HDCP: works with sources that support HDCP repeater mode
MAXIMUM DATA RATE:	6.75Gbps (2.25Gbps per graphic channel)
POWER CONSUMPTION:	12V DC, 1.1A
COMPLIANCE STANDARDS:	CE, UL
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
COOLING:	Convection, vents
ENCLOSURE TYPE:	Aluminum
INCLUDED ACCESSORIES:	Power adapter
Product Dimensions	18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00" ) W, D, H
Product Weight	0.5kg (1.0lbs) approx
Shipping Dimensions	34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05" ) W, D, H
Shipping Weight	1.4kg (3.1lbs) approx





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## CONFIGURATIONS

SID-X3N	4-Input Multi-Format Video over HDMI Transmitter & Step-In Commander
SID-X3N/GB	4-Input Multi-Format Video over HDMI Transmitter & Step-In Commander - GB
SID-X3N/JP	4-Input Multi-Format Video over HDMI Transmitter & Step-In Commander - JP

