KRAMER

SID-X2N
DisplayPort, HDMI, VGA & DVI Auto Switcher over HDBaseT

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

The SID–X2N is an HDBaseT twisted pair transmitter and step–in commander for computer graphics video, HDMI, DVI, DisplayPort and unbalanced stereo audio signals

FEATURES

Max. Data Rate - 6.75Gbps (up to 1080p @60Hz 36bpp) in normal mode; up to 4.95Gbps (up to 1080p @60Hz 24bpp) in ultra mode

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

System Range - Up to 130m (430ft) at normal mode (2K), up to 100m at normal mode (4K); up to 180m (590ft) ultra mode (1080p @60Hz @24bpp) when using BC–HDKat6a cables

Local Step-In Switching - Button & contact closure

Power Supply - Requires independent power supply

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TECHNICAL SPECIFICATIONS

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 HDBaseT TP on an RJ−45, 1 unbalanced stereo audio in a 3.5mm mini jack
PORTS:	1 RS−232 3−pin terminal block for programming
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 (up to 1080p @60Hz 36bpp) in normal mode; up to 4.95Gbps (up to 1080p @60Hz 24bpp) in extended mode
MAXIMUM TRANSMISSION DISTANCE:	180m (590ft) up to 1080p @60Hz @24bpp in extended mode; 130m (430ft) up to 1080p @60 @36bpp in normal mode
POWER CONSUMPTION:	12V DC, 950mA
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

CONFIGURATIONS

SID-X2N	4–Input Multi–Format Video over HDBaseT Transmitter & Step–In Commander
SID-X2N/GB	4–Input Multi–Format Video over HDBaseT Transmitter & Step–In Commander - GB
SID-X2N/JP	4–Input Multi–Format Video over HDBaseT Transmitter & Step–In Commander - JP