



SID-X2N

DisplayPort, HDMI, VGA & DVI Auto Switcher over 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.
- **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.**
- **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.

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:	Aluminium.
INCLUDED ACCESSORIES:	Power adapter.
OPTIONS:	RK-T2B 19" rack adapter, RTBUS-12, RTBUS-22, SID-X1NBP Kit (substitute black top plate for the SID-X2N to blend in with the color of the modular TBUS-10xl).
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.

