DVI-D and IR Receiver Over Cat5e/6 Using HDBaseT

SDX-RX

Receive Cat5e/6 Signals and Output DVI-D and IR with 450 feet of Extension

OVERVIEW

Using HDBaseT technology, the SDX-RX DVI receiver takes in signal over a Cat5e/6 cable and outputs high-defintion DVI-D signals with support for IR control. HDBaseT technology is superior to older DVI extenders that require a special CAT6 shielded cable to go a short distance. Users can extend signals up to 450 feet with no signal quality loss.

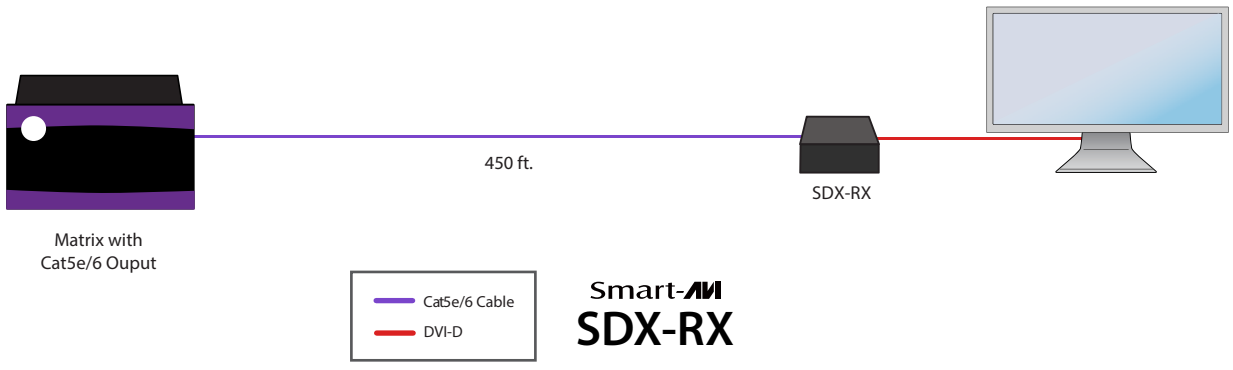
FEATURES

- Extends DVI-D up to 450 feet From the Source
- Data Recovery for Digital Video
- Supports up to 1920x1200 Digital Video Resolution @ 60Hz
- Supports 4K/2K (3840x2160) video resolution @ 30Hz
- Automatic DDC Learning
- Uncompressed Video Using HDBaseT
- IR Enables Remote Control
- External Power Adapter for Transmitter and Receiver Unit
- Plug-and-Play Ready

APPLICATIONS

- Digital Signage
- Security
- PC Networking
- Conference Center Systems
- Point of Sale
- Camera Surveillance
- Video Phone
- Control Room Systems
- Recording/Production Studios

APPLICATION DIAGRAM



SPECIFICATIONS

VIDEO	
Format	DVI-D Single Link
Maximum Pixel Clock	165 MHz
Input Interface	(1) RJ-45 for Cat5e/6 Cable (female)
Output Interface (RX)	(1) DVI-D 29-pin (Female)
Resolution	Up to 1920x1200 @60Hz, Up to 4K/2K (3840x2160) @30Hz
DDC	5 volts p-p (TTL)
Input Equalization	Automatic
Input/Output Cable Length	Up to 20 ft.

RS-232	
Output Interface (RX)	(1) DB9 (Female)
Speed	@ 115 Kbps

IR	
Output Interface (RX)	(1) 3.5 mm (Female)
Frequency Response	30KHz to 80KHz

OTHER	
Power	External 100-240 VAC/5VDC3A @20W
Dimensions	5.125" W x 1" H x 3.625" D
Weight	0.5 lb
Operating Temp.	0-55 °C (32-131°F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%

Part No.	Description
SDX-RXS	DVI-D and IR Receiver. Includes: [SDX-RX, & (PS5VDC4A)]

Designed and Manufactured in the USA

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