



DVI-D, RS-232 and IR Over Cat5e/6 Using HDBaseT

SDX

Extra Long Range DVI-D, RS-232 and IR Extender

Extend DVI-D video, RS-232 and IR up to 400 feet (120m) over a single CAT5/5e/6 cable

OVERVIEW

Using HDBaseT technology, the SDX DVI extender is capable of sending a DVI-D signal up to 400 feet over a single conventional and inexpensive CAT5/5e/6 cable. HDBaseT technology is superior to older DVI extenders that require a special CAT6 shielded cable to go a short distance. The SDX also has RS-232 and IR extension, giving users the ability to control displays or devices remotely.

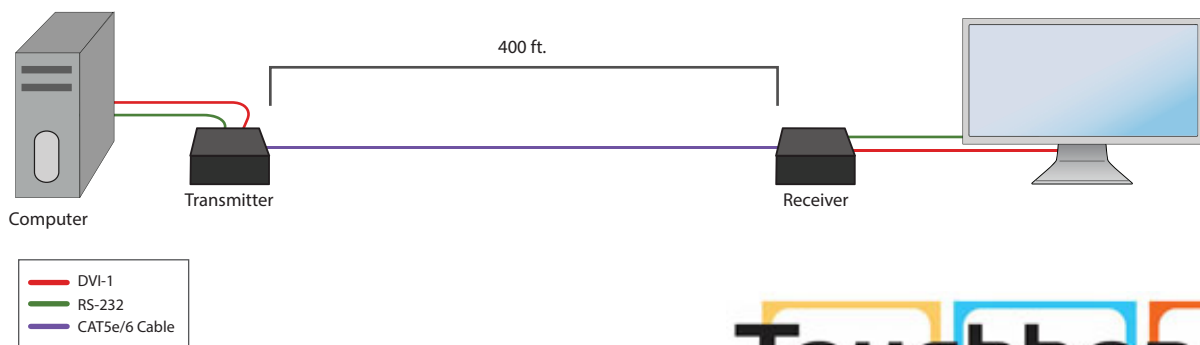
FEATURES

- Extends DVI-D up to 400 feet (120m) from the source
- Data recovery for digital video
- Automatic DDC Learning
- Uncompressed Video using HDBaseT
- IR and RS-232 extension allows for remote control of displays
- 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 Studio
- PC KVM Extension

APPLICATION DIAGRAM




Touchboards

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SPECIFICATIONS

VIDEO	
Format	DVI-D Single Line
Maximum Pixel Clock	165 MHz
Input Interface (TX)	(1) DVI-D 29-pin female
Output Interface (RX)	(1) DVI-D 29-pin female
Resolution	Up to 1920 x 1200 @ 60Hz AND Up to 4K/2K (3840x2160) @ 30Hz
DDC	5 volts p-p(TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft.
Output Cable Length	Up to 20 ft.
RS-232	
Input Interface (TX)	DB9 (Female)
Output Interface (RX)	DB9 (Female)
Speed	@ 115 Kbps
IR	
Input Interface (TX)	(1) 3.5 mm (Female)
Output Interface (RX)	(1) 3.5 mm (Female)
Frequency Response	30KHz to 80KHz
OTHER	
Power	External 100-240 VAC/5VDC3A @20W
Dimensions	5.125 in W x 1 in H x 3.625 in 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-S	DVI-D + RS232 + IR Extender: Includes: [SDX-TX, SDX-RX, 2 X (PS5VDC3A)]

 Designed and Manufactured in the USA

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