

# SDX

## HDBaseT KVM EXTENDER

HDBaseT  
Uncompressed  
Video



**DVI-D, IR and  
RS232 up to  
330feet  
over a single  
CAT5/5e/6  
cable!**

## Super Range DVI-D, RS232 and IR Extender

Extend DVI-D video, RS232 and IR up to 330 feet (100m) over a single CAT5/5e/6 cable

Using HDBaseT technology, the SDX DVI extender is capable of sending a DVI-D signal up to 330 feet over a single conventional and inexpensive CAT5/5e/6 cable. HDBaseT technology is superior to older DVI extenders that require special CAT6 shielded cable to go a short distance. The SDX also has RS232 and IR extension, giving you the ability to control your displays or devices remotely.

- Extends DVI-D up to 330 feet (100m) from the source
- Data recovery for digital video
- Supports up to 1920x1200 digital video resolution
- Automatic DDC Learning
- Uncompressed Video HDBaseT
- IR and RS232 extension allows for remote control of displays
- External power adapter for transmitter and receiver unit
- Plug and play



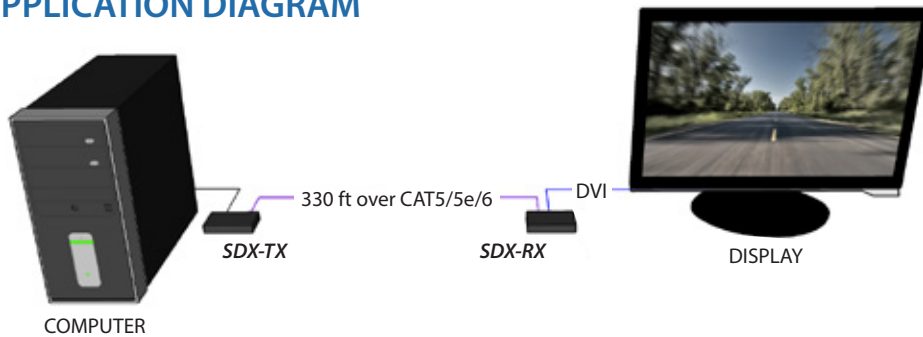
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**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

[www.smartavi.com](http://www.smartavi.com)

# SPECIFICATIONS

## APPLICATION DIAGRAM



## APPLICATIONS

- Security
- PC Networking
- Conference Center Systems
- Point of Sale
- Camera Surveillance
- Video Phone
- Control Room Systems
- Recording Studio
- PC KVM Extension

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
DDC	5 volts p-p(TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft.
Output Cable Length	Up to 20 ft.
RS232	
Input Interface (TX)	DB9 (Female)
Output Interface (RX)	DB9 (Female)
Speed	@ 115 Kbps

IR	
Frequency Response	30KHz to 80KHz
Input Interface (TX)	(1) 3.5 mm (Female)
Output Interface (RX)	(1) 3.5 mm (Female)
OTHER	
Power	External 100-240 VAC/5VDC4A @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%

## ORDERING INFORMATION

Part No.	Description
SDX-S	DVI-D + RS232 + IR Extender: Includes: [SDX-TX, SDX-RX, 2 X (PS5VDC4A)]

Many leading companies have recognized and embraced the innovation of SmartAVI's technologies and have successfully incorporated them into their organizations. Clients of SmartAVI include:

# Touchboards

205 Westwood Ave, Long Branch, NJ 07740  
 Phone: 866-94 BOARDS (26273) / (732)-222-1511  
 Fax: (732)-222-7088 | E-mail: sales@touchboards.com

SmartAVI, Inc. / Twitter: smartavi - 11651 Vanowen St. North Hollywood, CA 91605  
 Tel: (818) 503-6200 Fax: (818) 503-6208 - <http://www.SmartAVI.com>

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