



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-definition 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.

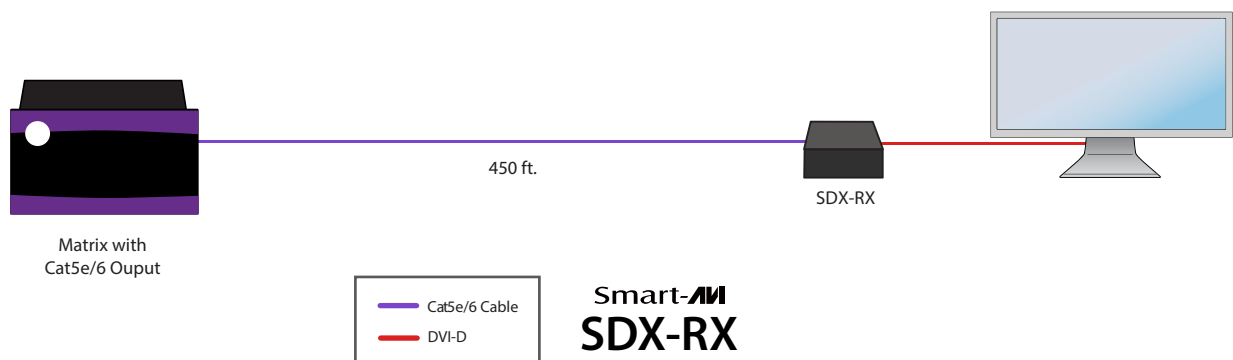
FEATURES

- 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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