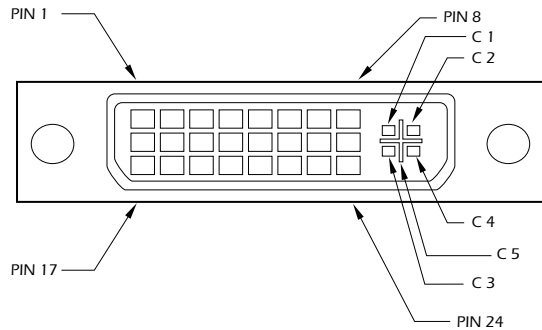


Technical Specifications

Input/Output Signal



| Pin # | Signal | Pin # | Signal |
|-------|-------------------------|-------|-------------------------|
| 1 | T.M.D.S Data 2- | 16 | Hot Plug Detect |
| 2 | T.M.D.S Data 2+ | 17 | T.M.D.S Data 0- |
| 3 | T.M.D.S Data 2/4 Shield | 18 | T.M.D.S Data 0+ |
| 4 | T.M.D.S Data 4- | 19 | T.M.D.S Data 0/5 Shield |
| 5 | T.M.D.S Data 4+ | 20 | T.M.D.S Data 5- |
| 6 | DDC Clock | 21 | T.M.D.S Data 5+ |
| 7 | DDC Data | 22 | T.M.D.S Clock Shield |
| 8 | Analog Vert. Sync | 23 | T.M.D.S Clock+ |
| 9 | T.M.D.S Data 1- | 24 | T.M.D.S Clock - |
| 10 | T.M.D.S Data 1+ | | |
| 11 | T.M.D.S Data 1/3 Shield | C1 | Analog Red |
| 12 | T.M.D.S Data 3- | C2 | Analog Green |
| 13 | T.M.D.S Data 3+ | C3 | Analog Blue |
| 14 | 5VDC 1.6A | C4 | Analog Horz Sync |
| 15 | GND | C5 | Analog Ground |

Resolutions

Supported by the internal EDID configuration

| Resolution | Refresh Rate |
|-------------|--------------|
| 640 x 480 | 85 Hz |
| 800 x 600 | 85 Hz |
| 1024 x 768 | 85 Hz |
| 1152 x 870 | 75 Hz |
| 1280 x 768 | 75 Hz |
| 1280 x 960 | 60 Hz |
| 1280 x 1024 | 60 Hz |
| 1600 x 1200 | 60 Hz |
| 1920 x 1080 | 60 Hz |

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Smart-AVI

Smart Audio Video Integration

User Manual

DVX-200



The DVX-200 extends any single-link DVI-D signal up to 220 feet using Cat 5e or Cat 6 shielded cable.

www.smartavi.com

Introduction

The DVX-200 extends the distance between any computer supporting single-link DVI-D and a monitor or projector with a compatible DVI input.

Features

- Supports Mac and PC DVI-D
- Resolutions up to 1920 x 1080
- No degradation of video quality
- LEDs indicate power and loss of clock signal
- External power supplies
- Silent fanless operation

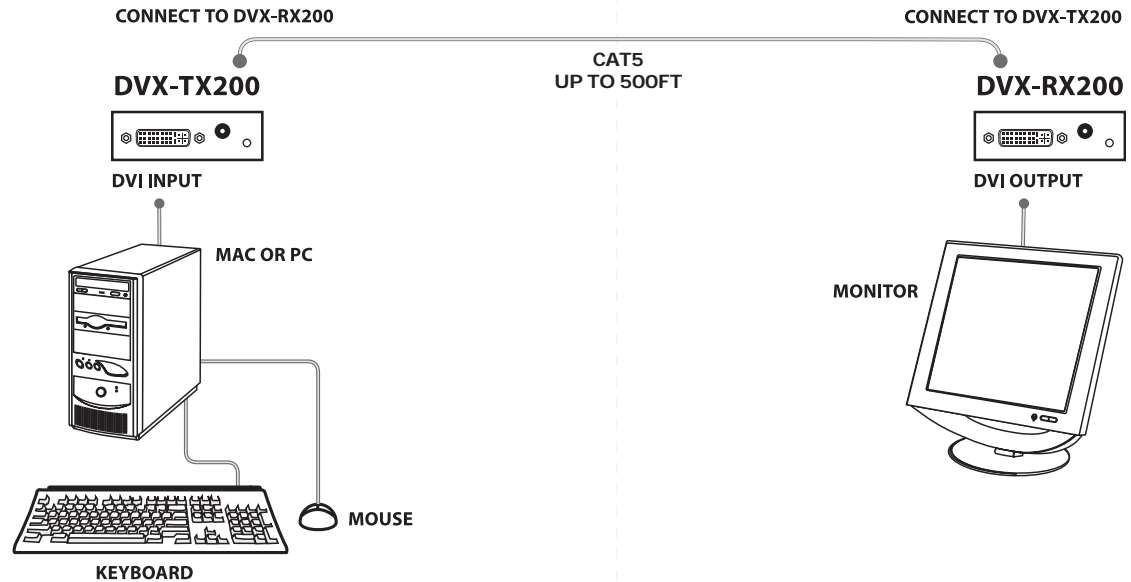
Applications

- Perfect Image Quality at all Resolutions.
- Call Centers (co-locate user's computers).
- Industrial (protection against pollution).
- Information Terminals & Kiosks.
- Airports (air traffic control, passenger information systems).
- Medical - using computer tomographs generates strong magnetic fields, which make it impossible to use monitors.

Front and Rear View



Installation Diagram



Installation

1. Turn off computer and monitor.
2. Connect DVI male to male cable between the computer and the transmitter.
3. Connect monitor or projector to the DVI port on the receiver.
4. Connect a shielded Cat 5e or Cat 6 cable between port 1 on the transmitter and port 1 on the receiver.
5. Plug in the power transformers and connect them to the transmitter and receiver.
6. Turn on the monitor and computer.

Optional DDC Pass-Through

If you would like the computer to read EDID information directly from your monitor instead of the internal EEPROM in the DVX-200, perform the following steps.

1. Turn off computer and monitor.
2. Disconnect power adapters from transmitter and receiver.
3. Remove screws on the sides of the transmitter.
4. Lift the top off of the chassis
5. Locate headers labeled J12 and J13.
6. Reconfigure the jumpers as shown.
7. Replace chassis top and screws.
8. Connect a second shielded Cat 5e or Cat 6 cable between port 2 on the transmitter and port 2 on the receiver.

