TECHNICAL SPECIFICATION

VIDEO	
Format	DVI (Single Link)
Input Interface	(1) DVI, (1) DVI (local monitor)
Resolution	Up to 1920 x 1200 @ 60 Hz

OTHER	
Power	PS5VDC2A
Dimensions	3.75" W x 5" L x .875" H
Operating Temp.	+32 to +104°F (0 to +40°C)
Storage Temp.	-4 to 140°F (-20 to +60°C)
Humidity	Up to 95% (non-condencing)

WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
DVS-200	1	2-Port DVI-D CAT6 STP Extender Transmitter
DVX-RX200	1	DVI-D/PC CAT6 STP Receiver
Power Supply	2	PS5VDC2A
Quick Start Guide	1	

NOTICE

DESIGNED AND MADE IN THE USA

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Smart-AVI
SMART AUDIO VIDEO INNOVATION

DVS-200

2-Port DVI-D CAT6 STP Extender

2-PORT DVI-D CAT6 STP EXTENDER

Quick Start Guide

OVEVIEW

DVS-200 extends any DVI-D signal up to 220 feet to two displays and one local screen using Cat6 cabling while retaining perfect image quality at resolutions up to 1920 x 1200. SmartAVI, Inc.'s DVS-200 allows you to extend a DVI-D signal to up to two remote displays via one small unit that also loops a signal back to your computer so local monitoring is possible and simple.
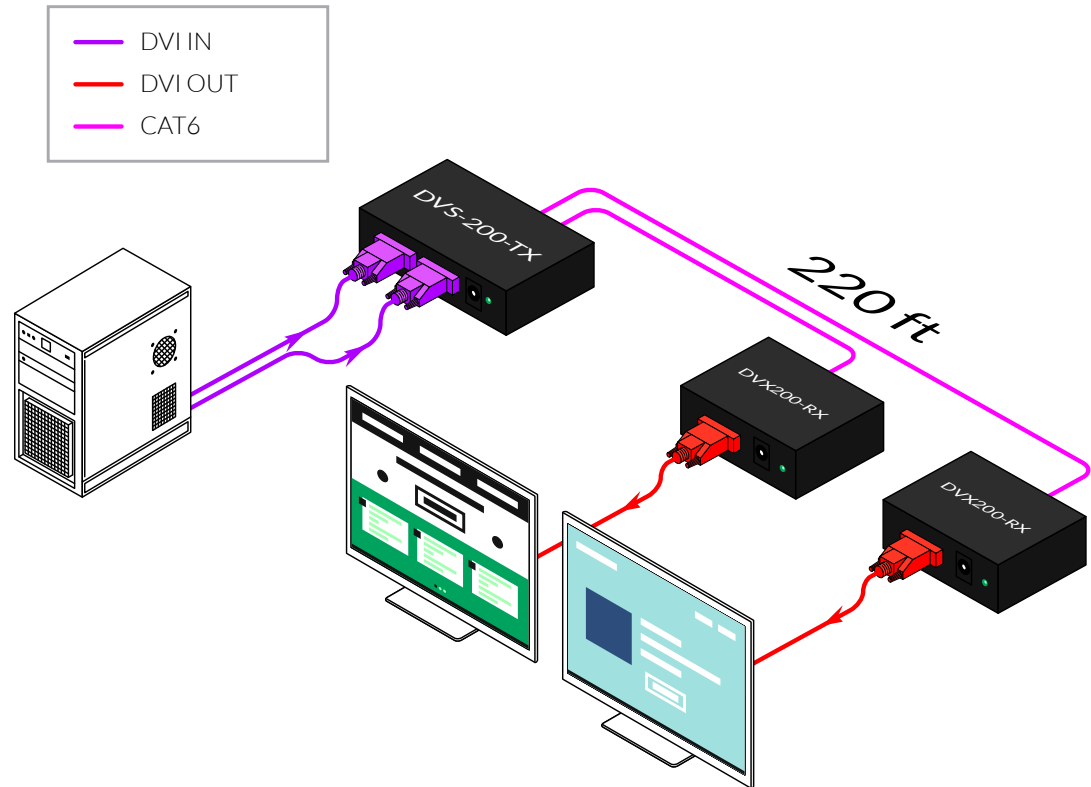
A great example would be a retail shop running its digital signage from a computer in its back office; using the DVS-200, a media file or group of files could be broadcast to up to two screens situated around the store while also being viewed locally on that computer's monitor.

Quite simply, the outgoing DVI-D signal from your computer is plugged into the DVS-200. This box has one input and two outputs, so that your signal can be sent up to 220 feet over inexpensive CAT6 cables to display screens anywhere in your retail shop, lounge, etc. In addition to the two outgoing signal ports, the unit also has a loop-back port that goes back to your computer, so that you may monitor exactly what is being broadcast to the remote screens. This is all done from a single unit with one power supply.

On power-up, the DVS-200 reads and stores the EDID of the DVI monitor connected to the local loop-back port. From that point on, even if the local monitor is not attached to the unit, its DDC is retained in the flash memory of the DVS-200 unit and it will operate as if the monitor were connected, offering unhindered use and simple flexibility

FEATURES

- Local DVI output.
- Perfect Image Quality at all Resolutions
- Video Resolutions up to 1920 x 1200 @ 60Hz (1280 x 1024 @ 75Hz) on all distances to the maximum limit
- Automatic DDC Learning From Local Monitor
- DDC Tables Stored in Flash Memory for Future Use
- Unit Operates Regardless of Local Monitor Connectivity
- Distances: up to 220 Feet via STP CAT5e or STP CAT6 Cable(Best Quality/Distance)
- Compatible With all Operating Systems
- Rack Mount Options(19"): Mount up to Four DVS400 Units in a 19"/1U Rack Mount Kit, Saving Expensive Rack Space
- MAC or PC Versions Available

HARDWARE 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 local loopback DVI port on the transmitter.
4. Turn on the monitor.
5. Plug in one of the power transformers and connect it to the transmitter.
6. Remove the monitor from the local loopback DVI port on the transmitter and connect it to the DVI port on the receiver.
7. Connect a shielded CAT6 cable between port 1 on the transmitter and port 1 on the receiver.
8. Plug in the other power transformer and connect it to the receiver.
9. Turn on the computer.

DVS-200 FRONT

DVS-200 BACK