

# DVR 8x8

## DVI-D 8x8 Matrix Switcher



The DVR 8x8 allows users to route content from any eight computers on any eight screens independently

### FEATURES

- Increases productivity by providing access to up to eight computers from eight workstations
- 8x8 non-blocking, single-link DVI-D matrix switch
- Adjustable output pre-emphasis and drive level
- Supports DVI operation at the maximum TMDS rate of 2x1.65 Gbps
- Supports resolutions up to 1080p, 2k, and 1920x1200
- Control from either front panel or RS-232
- Available IR remote
- Ethernet control available
- Easy-to-use Windows®-based software

### APPLICATIONS

- Wall Displays
- Digital Media
- Airports
- Dealer Rooms
- Control Rooms
- Audio/Visual Presentations
- Shopping Centers
- Security
- Point-of-Sale
- Hotels/Resort



## OVERVIEW

The DVR 8x8 is a high-quality DVI matrix designed to route up to eight computer/display signals. This allows an easy and dynamic approach to displaying content from any eight computers on any eight screens independently up to 20 feet away.

## CONTROL

The DVR 8x8 can be controlled from the front panel via keypad and LCD, allowing users to see which inputs are connected to which outputs.

**SMART CONTROL:** SmartAVI's Windows®-based software (SmartControl) allows for simple user interface when controlling the DVI Router.

**OPTIONAL IR:** Infrared remote control enables integration and control of the DVI matrix.

**TCP/IP:** SMTCP-2 is a SmartAVI optional TCP/IP converter that enables users to switch and control the DVR 8x8 from anywhere in the world using a LAN or WAN connection.

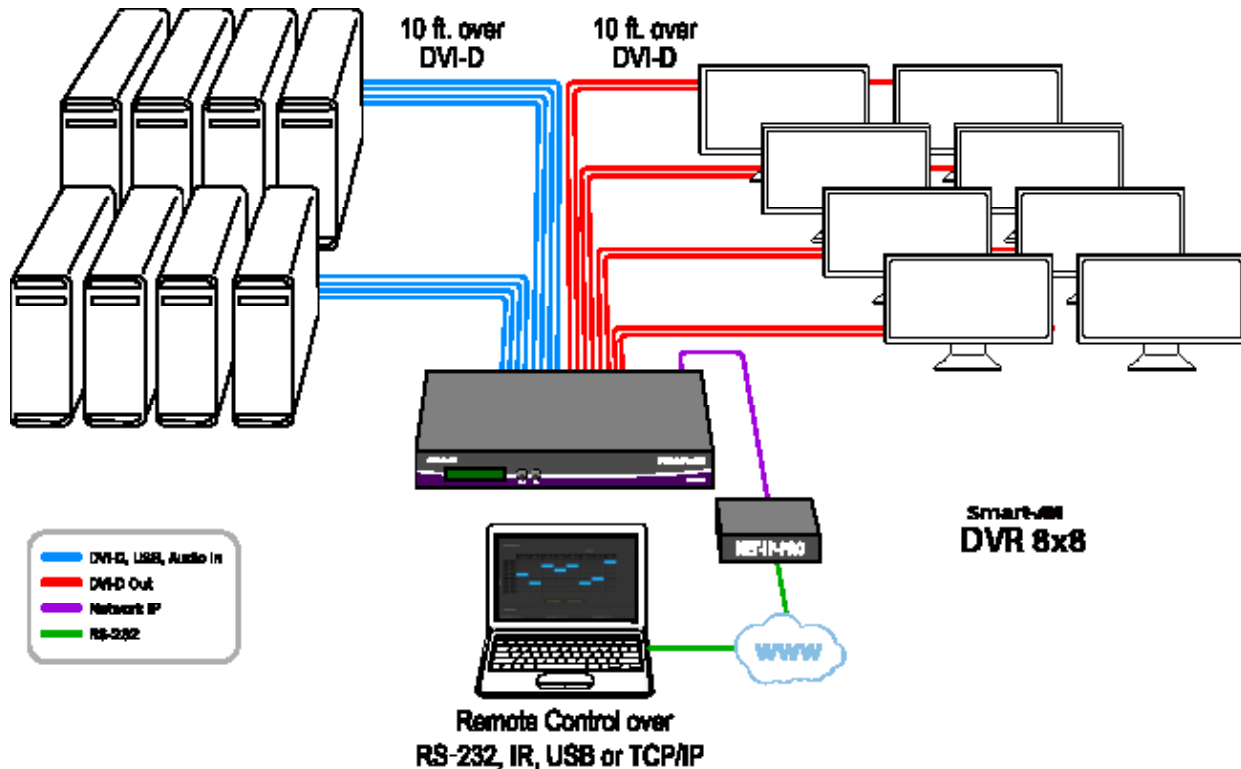
## SOFTWARE

The DVR 8x8 hardware comes with the easy-to-use, Windows®-based SmartControl software application that makes user interface simple.

Using SmartControl, users can assign a unique name to each port on the DVI router, customizing projects to fit users' needs.



## APPLICATION DIAGRAM



## SPECIFICATIONS



DVR 8x8 Front



DVR 8x8 Back



DVR 8x8 Rack Ears

VIDEO	
Format	DVI-D Single Line
Input Interface (TX)	(8) DVI-D 29-pin (Female)
Output Interface (RX)	(8) DVI-D 29-pin (Female)
Resolution	Up to 1920x1200 @ 60Hz
DDC	5 volts p-p (TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft.
Output Cable Length	Up to 20 ft.

CONTROL	
Front Panel	Select/Switch between sources
RS-232	DB9 Female - 115200, N,8,1, No flow control
OTHER	
Power	External 100-240 VAC/5VDC4A
Dimensions	2" W x 7" H x 17" D in
Weight	2.55 lbs.
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
DVR8X8S	DVI-D 8x8 Router: Includes: [DVR8X8 & (PS5VDC4A)]



Designed and Manufactured in the USA

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