

DVR-4X4

4X4 DVI-D MATRIX SWITCH



**THE DVR 4X4 ALLOWS USERS TO ROUTE CONTENT FROM ANY FOUR COMPUTERS
ON ANY FOUR SCREENS INDEPENDENTLY**

FEATURES

- 4x4 non-blocking, single-link DVI-D matrix switch
- Supports DVI-D operation at the maximum TMDS rate of 2x1.65 Gb/s
- Supports resolutions up to 1920x1200 @ 60hz
- Simultaneous 4x4 analog matrix switching at 380 MHz bandwidth
- DVI-D transmission up to 20 feet at the highest TMDS rate of 1.65Gb/s
- Control from either front panel or RS-232

APPLICATIONS

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

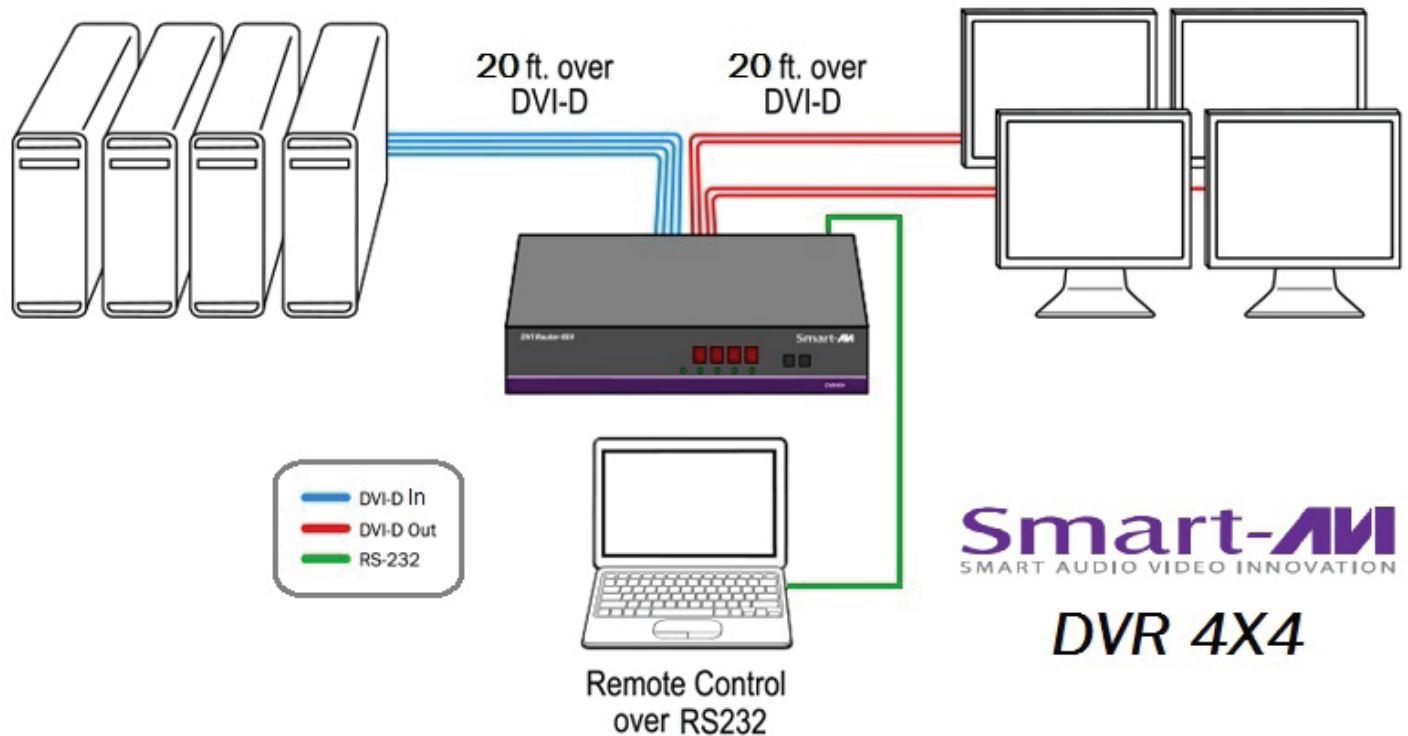


Designed and Manufactured in the USA

OVERVIEW

The DVR 4X4 matrix switch provides an easy and dynamic approach to creating multiple computer stations, each having the ability to access any one of the CPU's or displays instantly, either directly or remotely using RS-232 commands and infrared.

The SmartAVI DVI-D 4x4 router provides single-link DVI-D operation at the maximum TMDS rate of 2x1.65 Gb/sec. at resolutions up to 1920x1200 @ 60hz. The DVI-D signals can be transmitted up to 20 feet at the maximum TMDS rate on both the input and output sides of the switch.



EXTEND FOR ANY APPLICATION IN ANY ENVIRONMENT

SECURITY

When managing content in high-security environments, creating a safe and secure control room is critical. In the vast majority of such applications, that requires routing signals from a server room, where the computers are safely stored, to a control room, where approved personnel access the data and video feeds. Whether that's in a security surveillance center, an operations control room or some other security-related environment, being able to extend video, audio and USB is a must.

The DVR-4X4 provides system architects with the flexibility they need to create secure environments for servers as well as the end users accessing those computers. And with video signal extension, users can manage their connected computers with expanded display options, enabling them to stay in control of their content at all times.

DIGITAL SIGNAGE

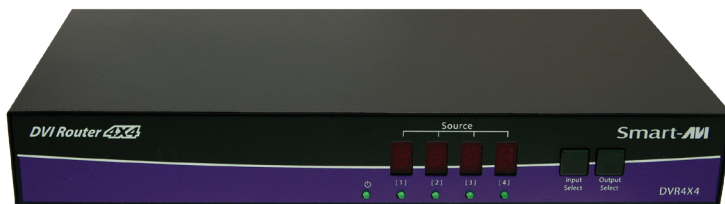
Managing a multi-screen digital signage solution requires some important foresight regarding the signal path to those informative and attractive displays. Particularly when it comes to properly scheduled, updated and managed content being displayed, it's much more efficient to keep all of the digital signage hardware in one central location and to extend the video signals out from there.

That means signal extension is an important part of a smart digital signage solution, and the DVR-4X4 gives users the flexibility they want and need to place their digital signage screens in the right locations to maximize their effectiveness.

AUDIO AND VISUAL RECORDING

For users in the recording arts, maintaining the utmost in signal and recording fidelity is an absolute necessity. For video recording, it is often important that no unsightly computers are visible. Similarly, audio engineers must keep noisy computers away from the rooms where recording happens to ensure the final product sounds professional. In both such instances, the DVR-4X4 gives users the ideal way to keep their servers or computers away from areas that audio or video recording is being done, ensuring a better final product.

EXTENDER UNITS



DVR-4X4 Front



DVR-4X4 Back

TECHNICAL SPECIFICATIONS

VIDEO	
Format	DVI-D Single Line
Input Interface (TX)	(4) DVI-D 29-pin (Female)
Output Interface (RX)	(4) 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 - 9600, N,8,1, No flow control

OTHER	
Power	External 100-240 VAC/5VDC4A
Dimensions	12" W x 2" H x 6.5" D
Weight	2.3 lbs
Operating Temperature	32 to 104°F (0 to 40°C)
Storage Temperature	4 to 140°F (-20 to 60°C)
Humidity	Up to 95% (non-condensing)

PART NO.	DESCRIPTION
DVR-4X4-S	DVI-D 4x4 Router: Includes: [DVR-4X4 & (PS5VD4A)]