

VX Series DVI / HDMI Switch

36x36 DVI / HDMI + Stereo Audio Matrix Switch



DATASHEET

FIBER OPTICS



VX-3600 Chassis

Features

- Maximum Resolutions [VESA / SMPTE]:
WUXGA: 1920x1200 @ 60Hz
480i to 1080p @ 60Hz
- Compatible with both Computer & Video Device DVI Signals
- Up to 36 separate inputs and outputs
- DDWG 1.0 Compliant
- Touchscreen, RS-232, Web and Client Software control options
- DDC Support
- HDCP Compliance
- Expandable architecture with 6-port blades

Applications

- Professional audio visual installations
- Control centers / communication hubs
- Automation & Monitoring rooms
- Public digital signage displays
- Airport/Train/Other mass-transit facilities
- Medical / distance learning theaters

Switch/Route up to 36 Inputs & Outputs of DVI / HDMI

The VX modular matrix router is a system that enables you to switch and route up to 36 different DVI or HDMI sources with audio and connect to 36 different digital displays. The system can be configured in multiples of 6 using the 6x6 input and output modules.

Any input source whether it is a HD-DVD player, Blu-Ray player or a computer with high resolution graphics, can be routed to any output digital display or for long distance extension, the outputs can be connected to the Opticomm DVI fiber extension products and then ultimately connected to the digital displays.

The VX modular matrix router can be controller in various ways by using either a RS-232 connection, web browser, USB, Ethernet or manually by the large touch panel display located on the front of the unit. The unit is easily controlled by basic commands, or by a variety of industry standard video controllers products.

The VX modular matrix router is also compatible with DDC communication between video displays and sources as well as being fully HDCP compliant. The VX will route the associated EDID and HDCP information to the appropriate input sources. Additionally, the VX also allows the user to program each input with its own EDID information for compatibility with a very wide range of applications and specialized resolution settings.

System Design

The VX modular matrix system is an ideal choice for medical imaging systems, conference and training facilities, and other mid-sized applications that require the switching and routing of multiple DVI or HDMI sources and also gives you a very cost-effective upgrade path to add additional sources in the future by simply adding more input or output blades.

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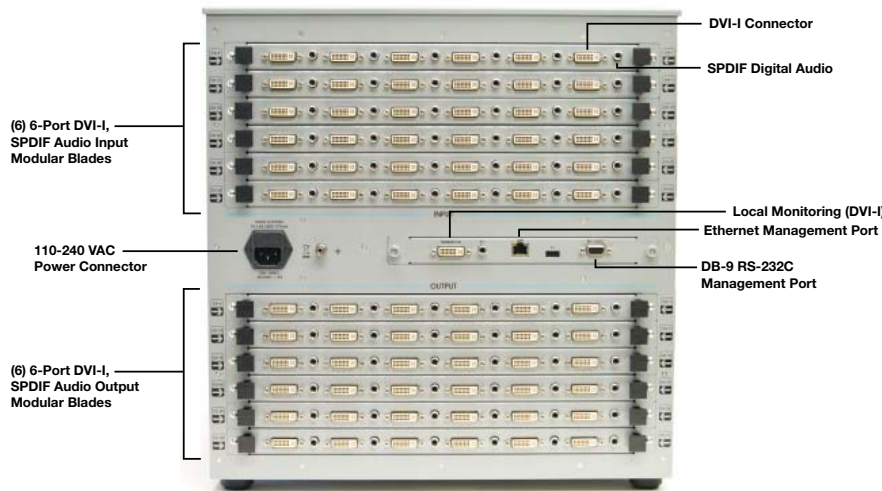


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Ordering Information

Model	Description
VX-3600	36x36 Modular Matrix Chassis (Does not include port modules)
VX-3600-MCS	VX Series Matrix Control Software
VXM-DVI-6/0	6-port DVI input Module w/Audio Connectors
VXM-DVI-0/6	6-port DVI Output Module w/Audio Connectors
VXM-HDMI-6/0	6-port HDMI Input Module
VXM-HDMI-0/6	6-port HDMI Output Module

Connection Diagram



General

Specifications	Values
Dimensions (L x W x H)	10.4" x 19" x 17.5" 484mm X 265mm X 444mm
Rackmount	10RU 19"
Weight	46.3 lbs (21 kg)
Power Supply	130W
Input Power	110-240VAC, 50/60Hz
Operating Temperature	0 - 40°C
Relative Humidity	< 80%
Warranty	1-Year

Connections

Specifications	Values
DVI Port Card	6 DVI-I Female, 6 RCA Female
HDMI Port Card	6 HDMI Female
Power Supply	Universal Power Cord
Input Power	110-240VAC, 50/60Hz

Monitoring & Control

Specifications	Values
Control Interfaces	10.4" Touchscreen IR Remote Control RS-232 Serial Port RJ-45 Ethernet
VX Control Software	Windows 2000 Windows XP Windows Vista Windows 7

