



Features

- Switch / Route HDMI with 8 inputs & 8 outputs
- HDCP Compliant
- DDC resolution information pass-thru
- Max Resolutions:
WUXGA: 1920x1200 @ 60Hz
1080p @ 60Hz
- Also available in DVI (VX-DVI-8000)
- Programmable EDID settings
- Real-time LCD status display
- 19" rackmount ready

Applications

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

Digital Signage HDMI Video Distribution

Perfect for situations that require local crosspoint matrix switching/routing capabilities, our VX Series enables you to switch and route HDMI signals on the fly with ultra-low signal switching latency! Display content on screens around your facility or lobby area with these easy to use matrix routers.

The VX-HDMI-8000 enables you to switch up to 8 HDMI sources with HDCP content from host 1.3a sources to as many as 8 digital displays. Programming is done easily via several methods (Front panel key button, web browser or serial communication) and with a multitude of setup options, the VX-HDMI-8000 can handle any small switching application.

The VX-HDMI-8000 has been designed not only to fully execute DDC (Display Data Channel) / HDCP (High-bandwidth Digital Content Protection) function between any input and switched output, but also to have users designate any EDID to inputs. This enables wide-range compatibility with respect to systems consisting of various HDMI sources and HDTV's and DVI displays. In addition, it offers the flexibility of allowing a user to use their own programming to control the VX-HDMI-8000 with basic command sets of ASCII or Binary codes or by using 3rd party video controllers or control software.

System Design

Each of these units can be rack mounted in server rooms or dedicated closets and cabinets that are designed for standard 19" rack mount equipment. Additionally, these units can be set on table tops or other flat surfaces for temporary or long-term use. The optional rack mount flanges are shipped with every enclosure.

Once connected, you can choose to manually set connections using the front panel push buttons or these units can be integrated into larger management and control systems through USB, RS-232 or Ethernet TCP/IP.

VX Series Switches & Distributors

HDMI Crosspoint Switching, Routing & Distribution Amplification



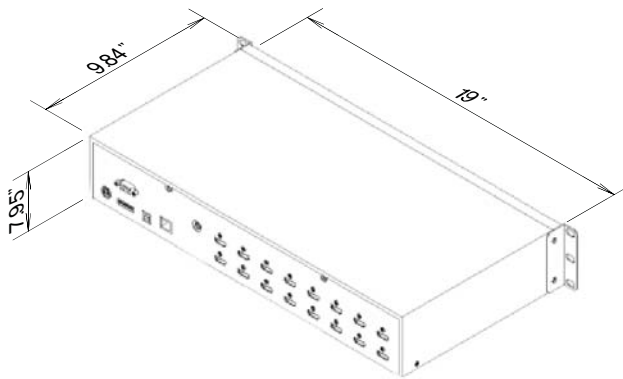
DATASHEET

FIBER OPTICS

Ordering Information

Model	Description
VX-HDMI-8000	8 Port HDMI Matrix Switch/Router, Resolutions up to 1920 x 1200 @ 60 Hz, HDCP Compliance

Connection Diagram



VX-HDMI-8000 (Back View)

Video

Specifications	Values
Signal Type	Digital TMDS & Digital RGB (Fully supports HDCP & DDC)
Bandwidth	Single Link 1.65 Gbps
Max Screen Resolutions	WUXGA, 1920x1200 @ 60 Hz 1080p @ 60 Hz
Inputs	8 HDMI Female
Outputs	8 HDMI Female

General

Specifications	Values
Dimensions (L x W x H)	10" x 19.32" x 8.08" (250 x 483 x 202mm)
Weight	13.66 lbs (6.19 kg)
Operating Temperature	0° to +40°C
Humidity	0 to 80% non-condensing
Input Voltage	12 VDC (AC Adapter Included)
Power Consumption	~18 W

Monitoring & Control

Specifications	Values
Local	Front Panel Buttons/LCD Display (20x4)
Remote	IR Remote Controller, USB, RS-232C & TCP/IP over RJ-45

Compliance

