VX-HDMI-8000

HDMI CROSSPOINT SWITCHING, ROUTING & DISTRIBUTION AMPLIFICATION

advanced media technologies®

opticomm | emcore
empower with light™

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 your message on screens around your facility or lobby area with these easy to use matrix routers.
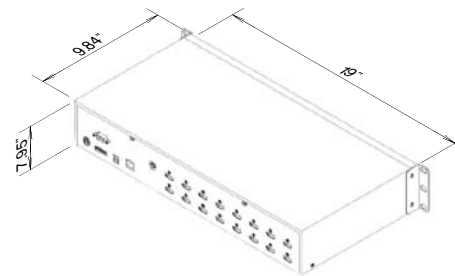
The VX-HDMI-8000 is a fully HDCP compliant device and supports HDMI version 1.3a & DDC information pass-thru.

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.

Features

- Switch / Route HDMI with 8 inputs & 8 outputs
- Fully HDCP Compliant (High-Definition Content Protection)
- DDC resolution information pass-thru
- Max Resolutions:
  WUXGA: 1920x1200 @ 60Hz
  1080p: 1920x1080 @ 60Hz
- Also available in DVI (VX-DVI-8000)
- DDWG 1.0 compliant
- Programmable EDID settings
- Real-time LCD status display
- 19" rackmount ready

Applications

- Professional audio visual installations
- Home theather 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

Mechanical Diagram

VX-HDMI-8000

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

advanced media technologies®

VX Series Switches & Distributors

HDMI Crosspoint Switching, Routing & Distribution Amplification

Ordering Information

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

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, 1920x1080 @ 60 Hz
Inputs	8 HDMI Female
Outputs	8 HDMI Female

General

Specifications	Values
Dimensions (L x W x H)	9.84" x 19" x 7.95"
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/LEDs
Remote	IR Remote Controller, USB, RS-232C & TCP/IP over RJ-45

www.amt.com

Advanced Media Technologies,®Inc. · 3150 SW 15th Street Deerfield Beach, FL 33442
(888) 293-5856 · (954) 427-5711 · Fax (954) 427-9688