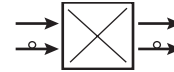




USW88

Universal 8x8 Matrix Switch



Optical, HDMI/DVI

“All Optical or Hybrid Optical/Electrical Matrix Switching for HDMI/DVI Signals”

“Phantom Power on Electrical DVI/HDMI Ports”

“A Truly HDMI 1.3 Matrix Switch”



Applications

Professional Video Switched Distribution

HDMI/DVI Centric Video Switching

Optical Switching for Long Distance HDMI/DVI End-points

Features

HDMI 1.3, HDCP 1.1 and DVI 1.0 Compliant

Up to 400m Separation between Switch and HDMI/DVI Devices

Options with all Optical Ports or Hybrid Optical/Copper Ports

Only One Fiber is Required per Input or Output Port

Jitter-free, High-Quality HDMI/DVI Display with Reclocking at all I/O Ports

Switchable EDID Function for Independent Display Resolution

Remote Control: Supports RS-232 Control, IR Remote Control, or Web Browser

Supports Deep Color Digital Video and Dolby or DTS featured Digital Audio

The USW88 Series is a high performance Universal Matrix Switcher System that provides 8x8 video switching for HDMI/DVI signals. Standard versions of the USW88 support all optical switching, or hybrid optical/electrical switching for HDMI/DVI signals. When configured for optical switching, only one multimode fiber is required per input or output port. In addition, the distance between the switch and HDMI/DVI devices can be up to 400m when connected by fiber cable. The electrical DVI/HDMI ports are phantom-powered, thus no requirement for additional external power supply when external optical DVI/HDMI modules are used.

The USW88 is a truly HDMI 1.3 switch, supporting jitter-free, high-quality HDMI/DVI Display with 10-bit deep color digital video format and Dolby or DTS featured digital audio format. It comes with three type of switching control: manual control panel, PC based control software thru standard RS-232/422, or remote IR control.

The USW88 comes with a 3-RU packaging design with internal 110/220 VAC power.

Ordering Information

Model	Description	I/O Configuration
USW-88DVI	8x8 Universal Switch, DVI	
USW-88HDMI	8x8 Universal Switch, HDMI	
USW-88FOP	8x8 Universal Switch, Optical	
USW-44D44F	8x8 Universal Switch, 4-DVI, 4-Optical	
USW-88HDMI	8x8 Universal Switch, 4-HDMI, 4-Optical	



DOING MORE WITH ONE FIBER *plus* IP

USW88

Universal 8x8 Matrix Switch



Matrix Switch

Array Size	8 x 8
EDID Control	Independent

HDMI/DVI Ports

Resolution	Up to 1080p@60Hz or 1920x1200@60Hz
Connector	DVI or HDMI Female Plugs
Protocol	EDID, DDC, and HDCP Capable

Fiber Ports

Fiber Type	Multimode
Connector	SC
Protocol	EDID, DDC, and HDCP Capable

Control

Manual	Panel Button
RS-232	DB-9, 9600 bit/sec
IR	20-60 KHz
Web Browser	TCP/IP

Physical

Dimension (H x W x D)	5.2" x 17.3" x 14.0"
Power Level	95-240 VAC @ 260W
Operating Temperature	0 to +40°C
Humidity	0 to 95% RH, non-condensing

Applications



DOING MORE WITH ONE FIBER *plus* IP

Subject to continued product enhancement, we reserve the right to change the above specifications and description without notice.

