

HDR8X8LP

1U 8x8 HDMI Matrix Switch with Optional Internet Control



The space-saving HDR8X8LP enables users to route any eight HDMI sources to any eight displays up to 40 feet away

FEATURES

- Sources can be routed independently to displays
- Switching controlled via the front panel, RS-232 and optional Internet control
- Supports high definition video resolutions of 480p, 720p, 1080i and 1080p
- Supports 7.1 Digital Surround Sound Audio
- HDCP and HDMI 1.4 compliant
- Supports EDID for total control of compliant displays
- Delivers uncompressed digital video with zero signal loss
- Outputs HDMI up to 40 feet
- Rack mountable

APPLICATIONS

- Wall Displays
- Digital Signage
- Airports
- Dealer Rooms
- Control Rooms
- Audio/Visual Presentations
- Shopping Centers
- Security
- Point-of-Sale
- Hotels/Resorts
- KVM Switch



OVERVIEW

The HDR8X8LP enables routing of any eight HDMI video sources to any combination of eight video displays. The matrix configuration provides maximum flexibility, allowing switching between any high definition source and display, all with a more compact design than other units of the same configuration on the market today. The HDR8X8LP provides HDMI output up to 40 feet and at HDTV resolutions of 480p, 720p, 1080i and 1080p. The matrix works with Blu-ray players, PCs, cable and satellite boxes, and any other device with an HDMI output.

Users can switch to any source locally or via a RS-232 connection. The matrix is controlled by Windows®-based software that is easy to understand and simple to use – a cornerstone of all SmartAVI products.

FLEXIBLE CONTROL

The SmartAVI HDR8X8LP can be controlled from the front panel via keypad and LCD, allowing users to see which inputs are connected to which outputs.

RS-232: Controlling the HDR 8X8 Plus has never been simpler with SmartAVI's Windows®-based SmartControl software. With SmartControl, you can assign a unique name to each port on the matrix, as well as each display, customizing projects to meet users' needs.

Although all the functions of the matrix are available locally on the front panel of the HDR8x8LP, using SmartControl allows for customization of all the matrix functions.

Optional Internet Control: to control the HDR8X8LP from a remote location, users can choose the HDR8X8LP-I, the version of the matrix with a built-in network control function. Simply connect the HDR8X8LP to the Internet, and users have the option to control the device from anywhere. This functionality is crucial for managing systems from nearly anywhere, in addition to providing extra flexibility options on-site.

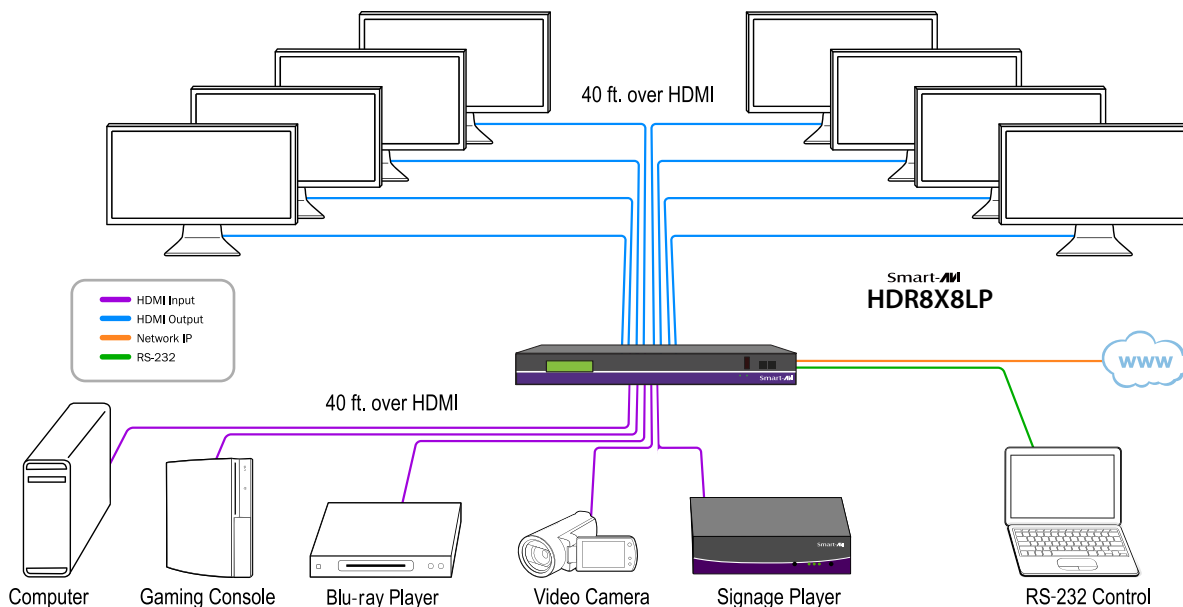
SOFTWARE SETUP

The HDR8X8LP Plus hardware comes with the easy-to-use, Windows®-based SmartControl software application that makes user interface simple.

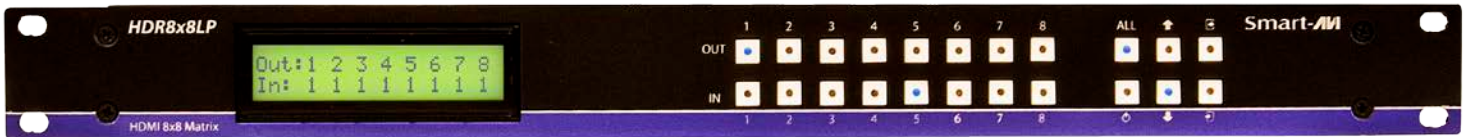
Using SmartControl, you can assign a unique name to each port on the HDR8X8LP, customizing projects to your liking and needs.



APPLICATION DIAGRAM



SPECIFICATIONS



HDR8X8LP Front



HDR8X8LP Back

VIDEO	
HDTV Resolutions	480p, 720p, 1080i, 1080p
TV Resolution	480i
Input Interface	8 HDMI Type A 19-pin Female TMDS
Output Interface	8 HDMI Type A 19-pin Female TMDS
Input Cable Length	Up to 40 ft.
Output Cable Length	Up to 40 ft.

OTHER	
Warranty	Limited 1 Year Parts and Labor
Control	Panel, RS-232 and TCP/IP
Power	Internal 100-240 VAC
Dimensions	19W x 1.75H (1U) x 7D in
Weight	4 lbs.
Operating Temp.	0 to +40°C (+32° to +104° F)
Operating Humidity	10% to 85% (Non-condensing)
Storage Temp.	-20° to +60°C (+20° to +140° F)
Storage Humidity	10% to 85% (Non-condensing)
HDR 8X8 Approvals	FCC, CE, RoHS Compliant
Power Supply Approvals	UL, CE, CSA, CEC, RoHS

ORDERING INFORMATION

Part No.	Description
HDR8X8LPS	HDMI 8x8 Router: Includes: [HDR8X8Plus, (SM-CSW) & (CCPWR06)]
HDR8X8LP-IS	1U HDMI 8x8 Router with internal network control. Includes: [HDR8X8PI (SM-CSW), & CCPWR06]



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