

HDR 8x8

HDMI 8x8 Matrix Switcher



The HDR 8x8 allows users to route content from any eight HDMI sources on any eight displays independently up to 20 feet away

FEATURES

- Sources can be routed independently to displays
- Switching controlled via the front panel, RS-232, IR, and TCP/IP
- 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 20 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 HDR 8x8 conforms to the HDMI standard and provides a connection to view any eight HDMI video sources on any combination of eight video displays. The matrix configuration provides maximum flexibility, allowing switching between any high-definition source and/or display. The HDR 8x8 provides HDMI output up to 20 feet and at HDTV resolutions of 480p, 720p, 1080i and 1080p. The system works with Blu-ray players, TiVo systems, HT PCs, and satellite set-top boxes that connect to an HDMI display.

Users can switch to any source locally or remotely via a RS-232, IR or TCP/IP connection. Our HDMI router 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 HDR 8x8 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 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 HDR 8x8, using SmartControl allows for customization of all the matrix functions.

IR: Many system professionals prefer the IR control interface because it offers greater flexibility to manage the HDR 8x8 at a distance. In some cases, the displays will not be visible from the matrix. In these situations it is necessary to control the matrix with infrared control.

TCP/IP: Remote control is essential to real-time management of the HDR 8x8. SmartAVI's SMTCP module is the perfect solution to effective remote management. Simply connect the SMTCP module to the HDR 8x8 and connect from anywhere on the Internet. When users need to make a change but can't be there in person, the SMTCP makes remote control a snap.

SOFTWARE SETUP

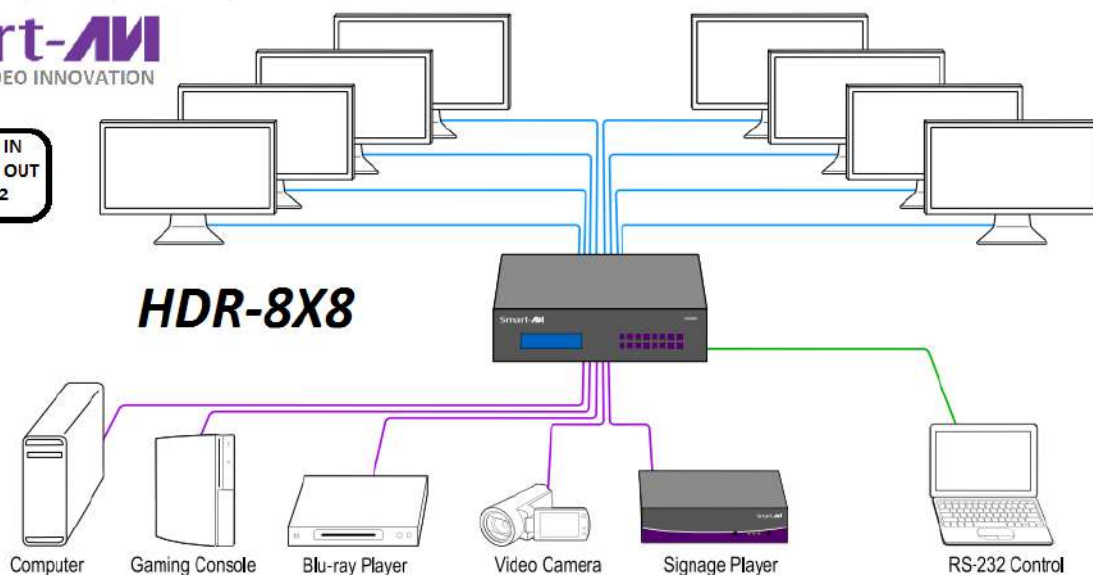
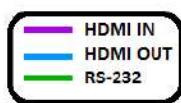
The HDR 8x8 hardware comes with the easy-to-use, Windows®-based SmartControl software application that makes user interface simple.

Using SmartControl, you can assign a unique name to each port on the HDR 8x8, customizing projects to your liking and needs.



APPLICATION DIAGRAM

Smart-AMI
SMART AUDIO VIDEO INNOVATION



SPECIFICATIONS



HDR 8x8 Front



HDR 8x8 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 20 ft.
Output Cable Length	Up to 20 ft.

OTHER

Warranty	Limited 1 Year Parts and Labor
Control	Panel, RS-232, IR and TCP/IP
Power	Internal 100-240 VAC
Dimensions	19W x 5.25H (3U) x 7D in
Weight	10 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
HDR8X8S	HDMI 8x8 Router: Includes: [HDR8X8, (SM-CSW) & (CCPWR06)]
NET-IP-PROS	TCP/IP Control for any SmartAVI Matrix/Switch. Includes: [NET-IP-PRO, CCRS232MM06, PS5VD2A-WLLMNT-Z]
SM-LED	IR Emitter 6' Single LED
SM-EYE	External Infrared Receiver; IR range of 10' to 30'
SM-EYE2	External Infrared Receiver; IR range of 10' to 20', 38KHz Max



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