

# HDR-4x4-Pro

4X4 HDMI Matrix with 325 ft of Extension over Cat5e/6



Switch four HDMI sources to any four HDMI inputs with up to 325 feet of signal extension and 1080p resolution

## FEATURES

- 4x4 Non-Blocking, HDMI Matrix Switch
- Distributes Any of the Four Inputs to Any of the Four HDMI Output Displays
- Local HDMI Output
- Up to 325 feet of Extension over Cat5e/6
- Resolutions up to 1080p
- EDID Learning Mode
- HDCP and HDMI 1.3 Compliant

## APPLICATIONS

- Wall Displays
- Digital Media
- Airports
- Dealer Rooms
- Control Rooms
- Audio/Visual Presentations
- Shopping Centers
- Security

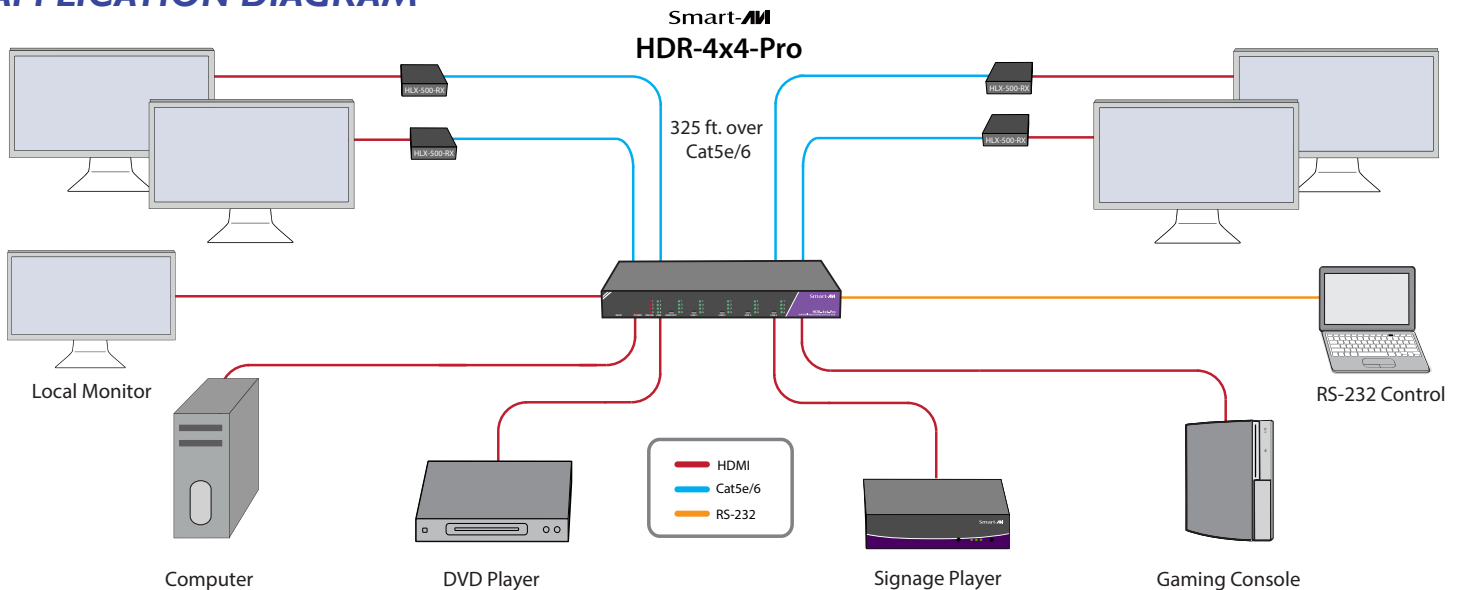


## OVERVIEW

The HDR-4x4-Pro by SmartAVI is an HDMI matrix switch that supports four HDMI sources and users can route the four sources to any of the four connected HDMI displays. Using an inexpensive Cat5e/6 cable and an HLX-500-RX receiver unit at each of the four end points, users can extend the HDMI signals up to 325 feet (100 meters). This reliable extension capability breaks the distance barriers that restrict HDMI cables. With unprecedented flexibility and convenience, this new device is overhauling the old challenges of HD matrix routers with an easy-to-install solution which includes a local HDMI out for enhanced monitoring capabilities.

The HDR-4x4-Pro can direct four inputs and four outputs with effortless switching options. While some users will prefer to switch sources by using the front-panel buttons on the device, others will require longer distance switching solutions. That's why the matrix offers RS-232 control and infrared control, enabling users to operate the matrix's functions from virtually anywhere.

## APPLICATION DIAGRAM



## SPECIFICATIONS



HDR-4x4-Pro Front



HDR-4x4-Pro Rear

VIDEO	
Format	HDMI
DVI Compliance	Single-link DVI-D 1.1 with Adapter
HDCP Compliance	1.0/1.1
Video Bandwidth	Single-link 340MHz [10.2Gbps]
Resolution	Up to 1080p
Inputs (Matrix)	(4) HDMI [7.1ch audio & video]
Local Output (Matrix)	(1) HDMI [7.1ch audio & video]
Output (End Point)	(4) HDMI [7.1ch audio & video]
Connector	Type A [19-pin female]
Maximum Distance	20 ft.

CONTROL	
Front Panel	Tact Switches
Other	RS-232 Control, Infrared
OTHER	
Power	External 100-240 VAC/12VDC5A
Dimensions	17.3 in (L) x 8 in (W) x 1.65 in (H)
Weight	1.5 lbs
Approvals	UL, CE, ROHS Compliant
Operating Temp.	32-131°F (0-55 °C)
Storage Temp.	-4-185 °F (-20-85 °C)
Humidity	Up to 0-80%

## ORDERING INFORMATION

Part No.	Description
HDR4X4PROS	4x4 HDMI, RS-232, IR Router. Includes: [HDR-4x4-Pro & (CCPWR06 & PS12VDC5A)].
HLX-500-RX-S	HDMI, IR, RS-232 HDMI Extender over Cat5e/6. Includes: [HLX-500-RX & (PS5VDC2A)].



Designed and Manufactured in the USA

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