

TECHNICAL SPECIFICATIONS

VIDEO	
Format	HDMI
DVI Compliance	Single-link DVI-D 1.1 with Adaptor
HDCP Compliance	1.0/1.1
Max Bandwidth	340MHZ
Resolution	Up to 1080p (1920x1080 @30Hz)
Inputs	8 HDMI (20ft cable)
Outputs	8 HDMI (20ft cable)
HDMI Connector	Type-A (19-pin female)
Control	
Front Panel	Tact Switch
IR	Remote Control (IR type 3)
PC	RS232
TCP/IP	Web browser
Power	
Supply	External 100-240VAC
Max Consumption	20W
OTHER	
Dimensions (WxHxD)	17.3"x1.65"x8"
Weight	6.61 lbs
Approvals	UL, CE, ROHS Compliant
Operating Temp	0 to 35°C (32 to 95°F)
Storage Temp	-20 to +85°C (-4 to +185°F)
Operating Humidity	>95% (no condensation)

WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
HDR-8x8-PRO-S	1	4K Resolution 8x8 HDMI Router
CCPWR06	1	Power Cord
User Manual	1	Instructions/Specs



Designed and Manufactured in the USA

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Smart-AVI
SMART AUDIO VIDEO INNOVATION

HDR-8x8-PRO

User Manual



1080p 8x8 HDMI Matrix
With remote control via the web.

CONTROLLING THE HDR-8X8-PRO

Front Panel Control

Switch between input with input and output selection buttons.

Back Panel Control

Activate the HDR-8x8-PRO with the On/Off switch, and control the device with RS232 connections or TCP/IP web controls via Ethernet.

EDID

Learn about and automatically switch between signals with the EDID learning button.



Features:

- Local HDMI Output
- Up to 325 feet of Extension over Cat5e/6
- Resolutions up to 1080p
- EDID Learning Mode • Supports RS-232 and Infrared Control
- HDCP and HDMI 1.3 Compliant

CONNECTING THE HDR-8X8-PRO

1. Connect HDR-8X8-PRO HDMI input to signal sources.
2. Connect the HDR-8X8-PRO HDMI outputs to displays, monitors, or projectors.
3. Connect HDR-8X8-PRO to power supply.
4. Press the On/Off switch to activate the HDR-8X8-PRO.
5. Switch between signals with either front-panel controls, or via PC with RS232 and TCP/IP web support

TCP/IP and RS232 Control

- TCP/IP: Plug a network-connected Ethernet cable to the HDR-8x8-PRO. By default, the device will connect to the network via DHCP. Input your connecte IP address info, and enter your browser to access the control web-site.
- RS232: Plug an RS232 cable into the corresponding connectors on your PC and HDR-8x8-PRO. A SmartPRO RS232 control window will auto-run on your PC, from which you can control the device with ease.

EDID Learning

- Press the EDID learning front-panel button to acquire information about output port signals.
- Once pressed, the EDID button will illuminate and LED indicators will light up.

INSTALLATION DIAGRAM

