What's in the Box?

PART NO.	QTY	DESCRIPTION
HDR4X2	1	HDR4X2 Router
Power Supply	1	PS5VDC4A

Technical Specifications

VIDEO	
Format	HDMI 1.3b [Deep Color, xvYcc color space supported]
DVI Compliance	Single-link DVI-D 1.1
HDCP Compliance	1.0/1.1
Video Bandwidth	Single-link 340MHz [10.2Gbps]
Resolution	480i,480p,720i,720p,1080i,1080p
Input Interface	(4) HDMI[7.1ch audio & video]
Output Interface	(2) HDMI[7.1ch audio & video]
Connector	Type A[19-pin female]
Maximum Distance	25 ft.
CONTROL	
Front Panel	Tact Switch
IR	Via Remote Control with IR Type 3
OTHER	
Power	External 100-240 VAC/5VDC4A
Dimensions	6.625"W x 1"H x 2.875"D
Weight	0.8 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 95%

NOTICE

For more information, visit www.smartavi.com.

Rack Mountable Option

Our SmartRack is the perfect solution to allow virtually all SmartAVI devices to be custom mounted in a standard 19" server rack. The SmartRack is fully adjustable and can secure/organize several devices.

Installation Manual

HDR4X2
High Definition 4X2
HDMI Matrix Switch

Switch Four HDTV 1080p HDMI Signals Between Two Displays

www.smartavi.com

Introduction

Designed to manage HDTV video installations, the HDR4X2 can switch four inputs to two outputs. Two outputs give you the choice of routing HD audio and video signals to two displays. The HDR4X2 eliminates the need to disconnect and reconnect HDMI sources to a single display. Compatible with HD-DVD, computer sources, BlueRay players, gaming consoles, and HDTV set-top boxes. Controlling the switch is simple, via the front tactile buttons or an optional Infrared remote control.
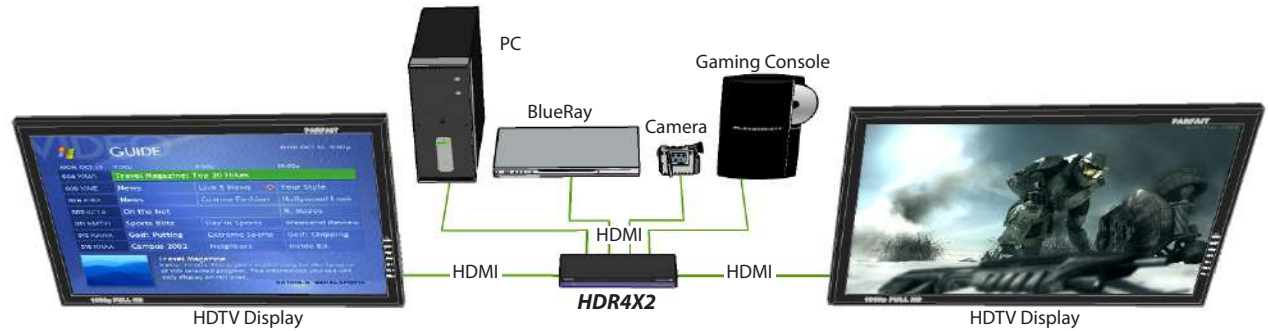
Features

- 4x2 non-blocking, single-link HDMI matrix switch
- Distributes any of the four inputs to any combination of the two HDMI output displays
- Supports optional IR remote
- HDMI support 1.3c
- HDCP support 1.0/1.1
- Bandwidth 340 MHz (10.2 Gbps)
- Total Transmission Max 25ft
- Resolution 480i,480p,720i,720p,1080i,1080p
- Individual tactile buttons for switching HDMI source to each display

Applications

- Home Theater Integration
- Digital Signage Deployment
- Information Kiosks/Displays
- Film/Recording Studios

In HDTV installations, where several sources need to be switched to different displays, SmartAVI's Matrix Switch Series is the perfect solution.

Product - Installation Diagram

Installation

1. Turn off all input devices and displays.
2. Connect the HDMI extension cables to the input devices and to the "IN" ports on the HDR4X2.
3. Connect the displays to the "OUT" ports on the HDR4X2.
4. Connect the power cord to power-on the HDR4X2.
5. Power on the input devices and the displays.
6. Use the front panel buttons to select the desired input port for each display.

Switching Between Ports

Front Panel Control

To switch ports using the front panel, press the **Select** buttons for each display to cycle through the available ports. The selected port number will be indicated by the LED display.

IR Control (optional)

You may switch ports using an infrared remote control (optional accessory). The selected port number will be indicated by the LED display.

HDR4X2 Front

HDR4X2 Rear