

# What's in the Box?

PART NO.	QTY	DESCRIPTION
HDR-4X2-Pro	1	HDR-4X2-Pro Router
Power Supply	1	PS5VDC2A

# 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/5VDC2A @10W
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%

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## 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.

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SMART AUDIO VIDEO INNOVATION

# HDR-4X2-Pro

## 4K/2K Resolution 4x2 HDMI Matrix Switch



Delivers 4K/2K resolution while switching four signals between two displays.

**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

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## Quick-Start Guide

[www.smartavi.com](http://www.smartavi.com)

## Introduction

Designed to manage HDTV video installations, the HDR-4X2-Pro can switch four inputs to two outputs. Two outputs give you the choice of routing HD audio and video signals to two displays. The HDR-4X2-Pro 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

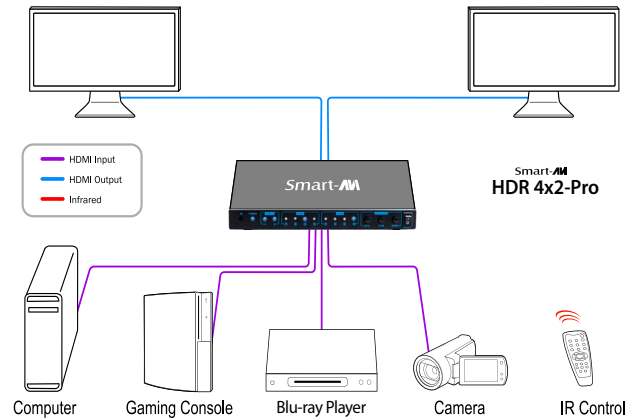
- 4x2 non-blocking, single-link HDMI matrix switch
- Distributes any of the four inputs to any combination of the two HDMI output displays
- Supports optional IR remote
- HDMI support 1.3c
- HDCP support 1.0/1.1
- Bandwidth 340 MHz (10.2 Gbps)
- Total Transmission Max 25ft
- Resolutions up to 4K (3840x2260)
- 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 HDR-4X2-Pro.
3. Connect the displays to the "OUT" ports on the HDR-4X2-Pro.
4. Connect the power cord to power-on the HDR-4X2-Pro.
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.



HDR-4X2-Pro Front



HDR-4X2-Pro Rear