

HV-411

HDMI 4x1 Multi-Viewer Seamless Switcher with Full screen, 2x2, 1+3 PIP, and S/PDIF HDMI Audio De-Embedder

The HV-411 is a HDMI Quad Screen Multi-Viewer Seamless Switcher allows you to simultaneously display real-time HDMI/DVI video from 4 different sources on a single monitor in full screen or 2x2, 1+3 PIP (Picture in Picture) mode. The product can be controlled through the front panel button, IR control, or Graphic User Interface via RS-232. The



product also provides an S/PDIF Coax to output the HDMI source audio at the same time.

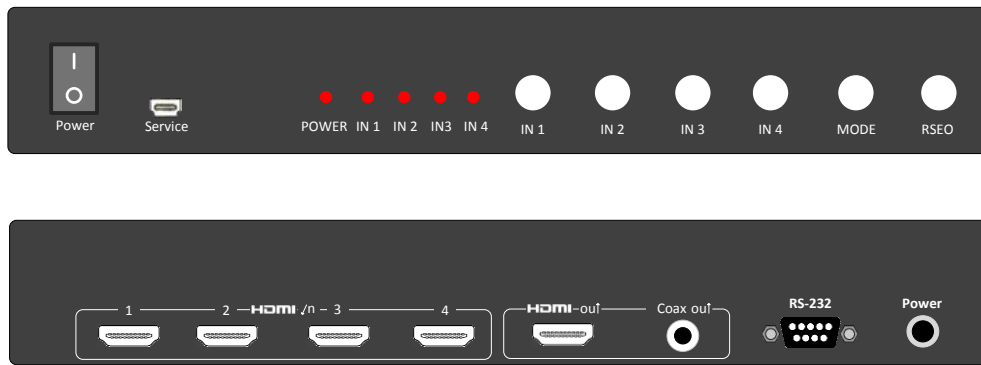
Features

- ❖ 4x1 Quad Multi-viewer and seamless switch with multiplexed HDMI 4 inputs and 1 output
- ❖ Compliant with HDMI 1.3a, HDCP 1.2
- ❖ Supports scaler up, scaler down functions and digital audio formats LPCM/AC3/DTS
- ❖ Control provided with front panel buttons, IR remote, RS-232
- ❖ Quad, Picture in Picture, and Full Screen display modes
- ❖ Quad Mode:
 - In quad mode, the screen is split into (4) fields of equal size each displaying the entire contents of (4) different video sources
 - Fluid, real-time video performance with 60 frames per second (fps) in all (4) quadrants
- ❖ Full Screen Mode:
 - In full screen mode, (1) of the (4) video sources is displayed in full screen size with maximum resolution.
- ❖ Picture in Picture (PIP) Mode:
 - In PIP mode, the full screen display of (1) of the (4) video sources is accompanied by (3) small images of the other video sources on the right hand margin of the screen allowing simultaneous monitoring.
- ❖ Supports HDTV resolutions up to 1080p and computer resolutions to 1920x1200
- ❖ Support HDMI Audio De-Embedded output PCM2, 5.1, 7.1CH, Dolby 5.1, DTS5.1

Specification

Model		HV-411
Connectors	HDMI In	4 (Female)
	HDMI Out	1 (Female)
	RCA (S/PDIF Coax)	1
	RS-232	1
Video Bandwidth		2.25Gbps
Audio Out		PCM2, 5.1, 7.1CH, Dolby 5.1, DTS5.1
Input Resolution		480i60Hz,480p60Hz,576i50Hz,576p50Hz, 720p50/60Hz,1080i50/60Hz,1080p24/30/50/60Hz, 800x600@60,1024x768@60, 1280x720@60,1920x1080@60;
Output Resolution		1080p,1080i,720p,1024x768,1360x768
ESD Protection		Human Body model: ± 8 kV (air-gap discharge) ± 4 kV (contact discharge)
Power Supply		12 V/2.5A DC
Power Consumption		10W
Environment	Operating Temp.	0~40°C
	Storage Temp.	-20~60°C
	Humidity	20~90% Non-condensing
Physical Properties	Housing	Metal (Black)
	Weight	750 g
	Dimensions	118 (L) x 250 (W) x 32 (H) mm

Front & Rear View



Diagram

