

HV-411b

HDMI 4x1 Multi-Viewer Seamless Switcher with Full screen, 1x2, 2x2, and 1+3 PIP.

The HV-411b 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, or IR control.

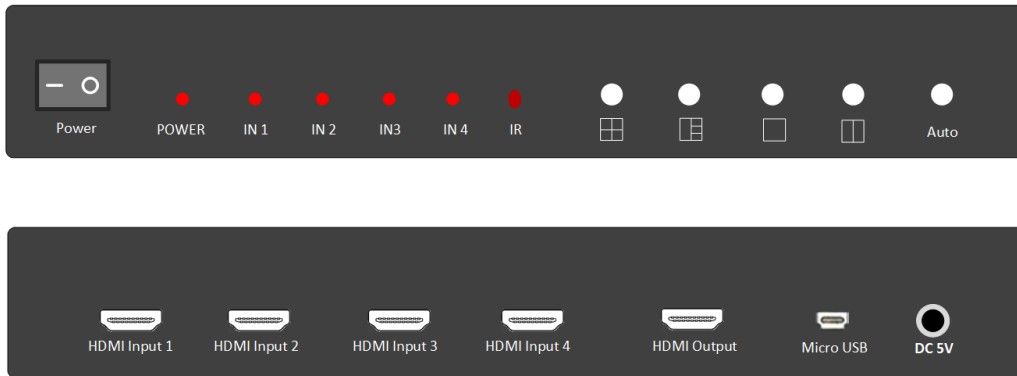
Features

- ❖ 4x1 Quad Multi-viewer and seamless switch with multiplexed HDMI 4 inputs and 1 output
- ❖ Compliant with HDMI 1.3a, HDCP 1.2
- ❖ Control provided with front panel buttons, IR remote.
- ❖ Quad, Picture in Picture, and Full Screen display modes
- ❖ 1x2 Mode:
 - In 1x2 mode, the screen is split into (2) fields of equal size each displaying the entire contents of (2) different video sources
 - Fluid, real-time video performance with 60 frames per second (fps) in all (4) quadrants
- ❖ 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 up to 1080p High Definition resolution
- ❖ Supports 720p/ 1080p output resolutions.
- ❖ Support Audio switch.
- ❖ Supports fast switching.
- ❖ Supports Equalizer TMDS output: 25MHz-225MHz TMDS clock.
- ❖ Supports Blue-Ray 24/50/60fps/HD-DVD/xvYCC.
- ❖ Supports 1080P input up to 15 meters and output up to 20 meters (Cable standard AWG26).
- ❖ Extend the transmission distance and improve transmission signal.
- ❖ Compatible with DVI through a HDMI to DVI adapter.
- ❖ Supports hot plug-and-play.
- ❖ LED indicate signal and power mode.
- ❖ No loss of quality.

Specification

Model		HV-411b
Connectors	HDMI In	4 (Female)
	HDMI Out	1 (Female)
	Micro USB	1
Maximum Single Link Range		1080p / 60Hz
HDMI version		HDMI 1.3, HDCP 1.2
HDMI Input Resolution		24/50/60fps/480i/480p/576i/576p/720p/1080i/ 1080p
HDMI Output Resolution		720p/1080p@60Hz
Supports Video Color format		24bit/deep color 30bit, 36bit
Vertical Frequency Range		720/1080p@60Hz
Max Bandwidth		225MHz
Max Bandrate		6.7Gbps
Input / Output TMDS signal		0.5~ 1.5Volts p- p (TTL)
Input / Output DDC signal		5Volts p- p (TTL) 1080P
Input cable distance		15m AWG26 HDMI standard cable
1080P Output cable distance		≤20m AWG26 HDMI standard cable
Power Supply		5 V/1A DC
Power Consumption		10W
Environment	Operating Temp.	-15~55°C
	Humidity	5~90% Non-condensing
Physical Properties	Housing	Metal
	Weight	460 g
	Dimensions	200 (L) x 950 (W) x 20 (H) mm

Front & Rear View



Diagram

