2 PORT HDMI V-1.4 Splitters w/3D + HEC + ARC Enabled

(Part #: EC-S4102)

This HDMI splitter is designed to meet all the HDMI V-1.4 features – 3D, HEC (HDMI Ethernet Channel) and ARC (Audio Return Channel) except for 4kx2k.   The HDMI splitters allow HDMI interfaced set-top boxes, DVD players, D-VHS players and other HDTV devices to connect with two or more HDTV displays.   They act as hubs that can accommodate multiple displays to create a larger distribution.

With the use of High Speed HDMI cable with Ethernet, the splitter conveniently allows you to go on internet, surfing any info you like. In addition, you can enjoy the HD audio by connecting the HDMI-ARC port of the Splitter to an AV Receiver/Amplifier.

Features:

- Compliant with HDMI 1.4, HDCP 1.2 and DVI 1.0
- Supports all the features of HDMI V1.4 - 3D, ARC, HEC except for 4kx2k
- Enables you to link with Internet using HDMI
- Supports One DVI/HDMI input and 2 DVI/HDMI outputs
- Daisy-chainable and Cascadable to make more than 2 outputs
- Supports 480p, 720I, 720p, 1080i and 1080p with 12 bits color-depth
- Supports 1080p@24Hz for 3D feature
- Supports BOTH Audio and Video signals.
- Supports conversion of HDMI signals to DVI signals
- Allows simultaneous display and Outputs are mirrored to multiple HDMI displays
- Supports 480p, 720I, 720p, 1080i and 1080p resolutions with 12 bits color depth
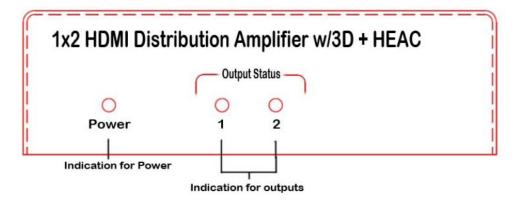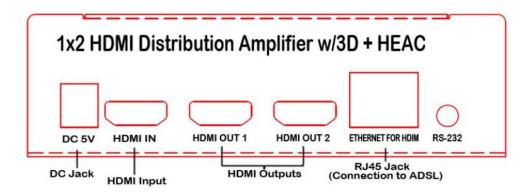- Easy to install and simple to operate

Application Diagram:

Specification:

Model	EC-S4102
Product	1in-2out HDMI Splitter
HDMI Spec. Version	1.4
HDCP Compliant	Yes
HDMI Source Input Port	1
Display Device Output Port	2
Source Port Connector	19 pin HDMI
Display Device Port Connector	19 pin HDMI
Audio Return Channel	Yes – Bypass
HDMI Ethernet Channel	Yes
3D Support	Yes, 1080p@24Hz
Deep color	12 bits
LED Indication	3
Single Link Range	1920 x 1200
Display Size – HDMI	1080p
Display Size – DVI	WQXGA
Video Bandwidth	Up to 2.25GHz
Vertical Frequency Range	50 ~120 Hz
Audio Performance	SCAD, PCM (7.1ch), Dolby TrueHD & DTS-HD Master Audio
Lip Sync	Yes
Power Consumption (max.)	4.0 Watts
Operation Temperature	0°C to 70°C.
Switching Power Adapter	5V 2.0A
Housing	Aluminum / Metal
Dimension (mm)	180 x 65 x 25 mm
Weight (g)	250g
HDMI Cables	Optional

Front View of the Splitter:

Rear View of the Splitter:

Installation Steps:

How to connect / set up:

1) Simply connect your HDMI displays to the Splitter's outputs with High Speed HDMI Cable with Ethernet.
2) Plug the power supply into the Splitter's power port.
3) Link HDMI sources to the Splitter's inputs using High Speed HDMI Cable with Ethernet. (Make sure that all HDMI sources and displays are turned off before connecting.)
4) Join the RJ45 Jack of the Splitter to your ADSL Ethernet line, using Cat. 5e/6 cable.
5) Once the sources, the Splitter and the Displays are all properly connected and powered ON, you can simply create a larger and broader distribution.
6) At the same time, with the use of High Speed HDMI cable with Ethernet, this distribution conveniently allows you to go on internet, surfing any info you like. In addition, You can enjoy the HD audio by connecting the HDMI-ARC port of the Splitter to an AV Receiver/Amplifier.

Trouble Shooting

Problems	Solutions
Splitter is not in operation	1. Make sure that the power supply is properly connected with the switch.

	2. Check to see if the LED light is on.
No pictures/signals or poor images	1. Make sure that the video display is HDCP compliant. 2. If you are using HDMI copper cable, overall length of the cable should not be longer than 15ft. Longer HDMI copper cables will result in no or poor resolution. The HDMI Repeater is recommended to use for a distant connection - over 15ft. 3. Make sure all HDMI connectors are tightly secured to all HDMI ports. 4. Turn off and again, turn on all the equipments.