Product Features

- HDMI2.0a compliant
- Video bandwidth: 18Gbps
- Supports HDR, which is 4K2K@60 4:2:0 10bits.
- HDCP 2.2 and 1.4 compliant
- Supports resolution downscaling from 4K2K to 1080P
- Supports default EDID and EDID learning from display
- Supports Dolby Digital, DTS-HD and Dolby TrueHD audio

Note:
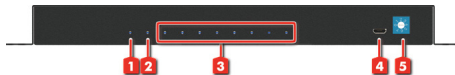Amplifier can bypass 4K HDR, but not process it and make HDR 100% fit into 1080p
NOT supports
- Resolution downscaling from 4K2K@60 4:2:2 to 1080p
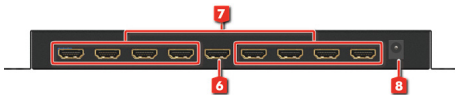- Frame rate conversion
- 4K2K@60 4:2:2 to 4K2K@60 4:2:0

Package Contents

- 1x8 HDMI 2.0 HDR Amplifier
- DC 5V/2A power adapter
- Quick start Guide

Layout

1. Power LED: Lights on when device is ready
2. Signal LED: Input signal LED indicator
3. Signal LED: Output 1-8 signal LED indicator
4. Micro-USB: For firmware update only
5. EDID Switch

6. HDMI IN: Connect to a HDMI input source
7. HDMI OUT 1-8: HDMI outputs to HDMI displays [HDMI OUT1: EDID Learn Default]
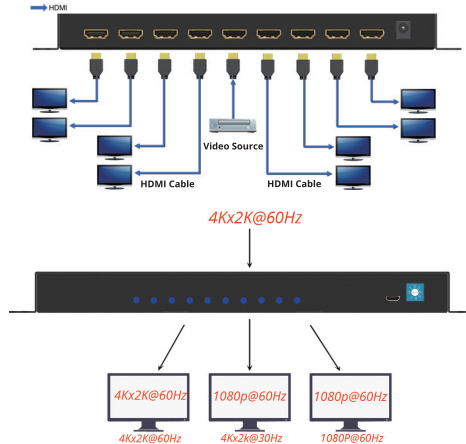8. DC power jack: Connect to the DC 5V/2A

EDID MODE:

0: (4K2K@60) – 8/10/12bit 3D HDR video & 7.1ch audio
1: (4K2K@60) – 8/10/12bit 3D HDR video & 2ch audioPower indicator
2: (4K2K@30)(4K2K@60 420) – 8/10/12bit 3D HDR video & 7.1ch audio
3: (4K2K@30)(4K2K@60 420) – 8/10/12bit 3D HDR video & 2ch audio
4: Full HD(1080p@60) – 12bit 3D video & 7.1ch audioConnection indicator
5: Full HD(1080p@60) – 8bit 2D video & 2ch audio
6: Learning EDID from output 1
7: Auto EDID analysis learning mode

EDID Notice

1. If the user wants to change EDID mode, please power cycle the device after setting rotaryswitch.

2. While connecting a new monitor to the splitter under "Mode 7"(under auto EDID analysis learning mode), experiencing a short period of time without displaying might be expected. The splitter will do Automatic EDID learning and generate the best EDID among all connected monitors

3. If somehow user cannot get video output, please try to adjust EDID rotary switch to "Mode 5" or "Mode 6" for trouble shooting. Under "Mode 5", there will be video output. The only requirement is that the display has to support at least Full HD. If default Full-HD EDID still cannot work, user can switch to "Mode 6" to learn the EDID from output 1 to customize the EDID information. (Please note that the display with lowest resolution must be connected to output 1)

Application

HDMI

Video Source

HDMI Cable   HDMI Cable

4Kx2K@60Hz

4Kx2K@60Hz   1080p@60Hz   1080p@60Hz
4Kx2K@60Hz   4Kx2k@30Hz   1080P@60Hz

Note: When the input source is 4Kx2K @60Hz, the splitter will only output at 1080p @60Hz for 4Kx2K @30Hz monitors. *720p and 480p monitors not supported

Support
For more info or tech support
http://www.siig.com/support

SIIG®

1x8 HDMI 2.0 HDR Amplifier with EDID Management

Quick Start Guide

THREE YEAR
Manufacturer Warranty

P/N: CE-H23D11-S1