

HDMI 4K2K Splitters with EDID Management



Features

- ◆ 1x2, 1x4, & 1x8 Configurations
- ◆ Supports HDMI Deep Color & 3D / DVI 1.0 compliant
- ◆ HDCP 1.3 compliant
- ◆ Wide frequency range: 25MHz~340MHz
- ◆ Video bandwidth: 10.2Gbps
- ◆ Resolution up to 4K2K @ 30Hz
- ◆ Supports default EDID and has ability to learn the EDID of displays
- ◆ Supports xvYCC, x.v.Color & Deep Color
- ◆ Mini-USB port for firmware updating
- ◆ Supports Dolby Digital, DTS-HD and Dolby TrueHD audio
- ◆ Connectors on same side for easy installation



The **ASPYRE HDMI 4K2K Splitter Series with EDID Management** provides one of the most advanced HDMI splitter solutions by which the Ultra High Definition video and high quality audio can be transmitted to multiple locations without losing quality. The series supports all 3D formats and true 4K2K video. Available in 1x2, 1x4, and 1x8 configurations.

Firmware upgrade capability via the USB port ensures compatibility now and in the future. With 48 bit deep color video and high definition audio support, the ASPYRE 4K2K Splitter Series is suitable for high quality HDMI broadcasting, conference room, digital signage, and education applications.

Technical Specifications

Model Name	Splitters		
Technical	ASP-12H-4K	ASP-14H-4K	ASP-18H-4K
HDMI Inputs	1	1	1
HDMI Outputs	2	4	8
HDMI/DVI compliance	HDMI Deep Color, full 3D & 4K2K/DVI 1.0		
HDMI Output Distance	720p 12bit up to 20m, 1080i 12bit up to 20m, 1080p 12bit up to 15m, 4K up to 7.5m (Note: Cable quality may impact distance)		
HDCP compliance	HDCP 1.3		
Video bandwidth	Single-link 340MHz [10.2Gbps]		
Video support	Up to 4K2K @30		
Audio support	DTS-HD Master Audio, Dolby TrueHD Dolby Digital, DTS, DVD-Audio, LPCM, SACD, MPCM		
ESD protection	[1] Human body model — $\pm 19\text{kV}$ [air-gap discharge] & $\pm 12\text{kV}$ [contact discharge] [2] Core chipset — $\pm 2\text{kV}$		
Firmware update	Mini-USB port		
HDMI Connector	Type A 19 pin		
Rotary control switch	EDID Mode selection		
Mechanical	ASP-12H-4K	ASP-14H-4K	ASP-18H-4K
Housing	Black metal enclosure		
Dimensions [L x W x H]	113 x 62.5 x 25mm [4.45" x 2.46" x .984"]	154 x 83 x 25mm [6.06" x 3.26" x .984"]	243 x 98 x 25mm [9.57" x 3.86" x .984"]
Weight	463g [16.3 oz]	583g [20.5 oz]	800g [31 oz]
Mounting	Integrated ears		
Power supply	5V DC		
Power consumption	10 Watts [max]	10 Watts [max]	20 Watts [max]
Operation temperature	0~40°C [32~104°F]		
Storage temperature	-20~60°C [-4~140°F]		
Relative humidity	20~90% RH [no condensation]		
Package Contents	1x ASP-12H-4K or ASP-14H-4K or ASP-18H-4K Accordingly 1x 5V Power Supply 1x User Manual		

*Note: Specifications subject to change without notice. **

Important: Read User Guide for full specification.