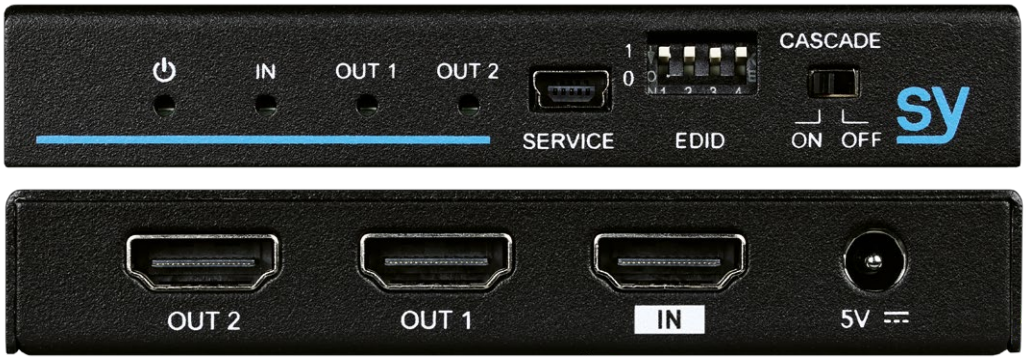
HDS12-18G

1x2 HDMI 18G Splitter with enhanced EDID Management



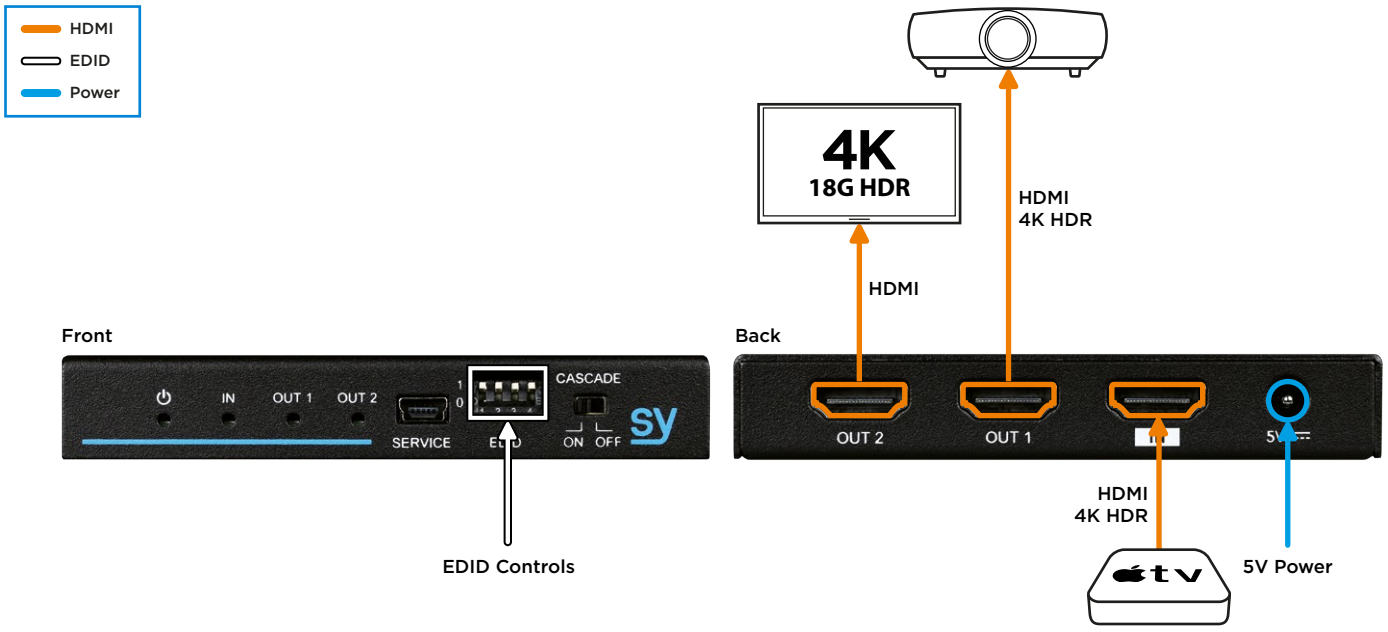
HDS12-18G

A compact dual HDMI 2.0 Splitter/DA, with an extensive EDID management facility. Compatible with all resolutions up to 4K 60 4:4:4. It features independent auto downscaling for each output, allowing 4K content to be automatically converted to 1080p where necessary. Each HDMI port has the ability to power/support the connection of long distance AOC. Additional control for HDMI signals with the Cascade mode dip switch. For the best performance, we recommend the use of SY's Stealth HDMI 2.0 cables, or for longer distances our SY Centaur AOC Hybrid Fibre cables which are available in various lengths up to 100m.

FEATURES

- **1x2 HDMI 2.0 (18Gbps) splitter**
- **HDMI 2.0, 4K 60 4:4:4**
- **4K to 1080p Down Scaling per output**
- **HDCP 2.2 compliant**
- **Extensive EDID management**
- **Supports Cascade mode**
- **Slim and compact**
- **Fully compatible with AOC**

CONNECTIVITY ILLUSTRATION



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1x2 HDMI 18G Splitter with enhanced EDID Management

SPECIFICATIONS

PART NUMBER	SY-HDS12-18G	
VIDEO RESOLUTIONS/FORMATS	All resolutions to: 3840x2160p @60Hz 4:2:0 to 4:4:4 8/10/12/16bit VESA and SMPTE 480p to 2160p (4K UHD) with 3D All PC VESA mode video format resolutions up to QSXGA @60Hz	
HDMI	HDMI 2.0	
HDCP	Compatible with all versions up to HDCP 2.2	
BANDWIDTH	18Gbps	
INPUTS	**Video** 1x HDMI 2.0	
OUTPUTS	**Video** 2x HDMI 2.0	
HDR FORMATS	HDR 10, HDR 12	
AUDIO FORMATS	LPCM, Dolby TrueHD, and Dolby DTS-HD Master Audio up to 7.1 channels	
CONTROL	Dip Switch for EDID and HDCP Control	
POWER SUPPLY	5V DC, 1A	
POWER CONSUMPTION	1.9W Max.	
WEIGHT AND DIMENSIONS	**Weight (net)** 0.165kg	**Size (WHD)** 100 x 16 x 55mm
WHAT'S IN THE BOX	1x HDS12-18G 1x Set of mounting ears 1x Wall power supply with UK and EU plug adaptors 1x User Manual	

REGULATORY COMPLIANCE

SY-HDS12-18G Data Sheet 01. Details subject to change with no prior notice. ©SY Electronics 2024