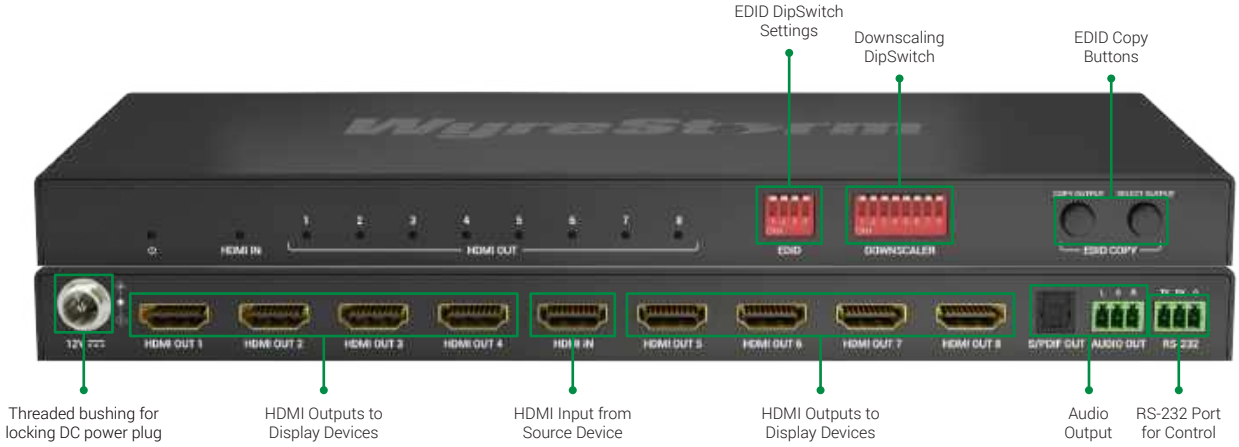
4K HDR 1:8 splitter with Scaling Outputs, Audio Breakout EDID Management & CEC

SP-0108-SCL

WyreStorm

Specification Sheet



WyreStorm - Powerful. Reliable. Simple.

Key Features

- Uncompressed HDMI signal distribution supporting full 18Gbps bandwidth and 4K60 444 video content
- Compatible with latest HDR video standards including HDR10, HDR10+ Dolby Vision and HLG
- Balanced analog audio de-embed and a digital S/PDIF de-embed for distributing audio to an amplifier or DSP
- Each HDMI output supports 4K to 1080p downscaling to support mixed resolution systems
- Small compact design allows the splitter to be mounted locally and discreetly.
- Download SP-108-SCL Configuration Tool found in the WyreStorm Management Suite or connect a control system to the provided RS-232 port
- Send API or use dipswitches to control EDID settings
- CEC power off delay up to 30 mins upon loss of sink
- Output downscaling controlled through easy to use dipswitches
- EDID Management through RS232 API, dipswitches, or front panel Read & Select buttons
- RS-232 API for controlling EDID settings and querying HDMI connection status, resolution, etc.

In the Box

1x SP-0108-SCL Splitter
1x DC 12V Power Supply (US/UK/EU/AU)
2x 3-Pin Terminal Block
2x Wall Mounting Brackets
1x Quickstart Guide (this document)

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Specifications

Audio and Video		
Inputs	1x HDMI In: 19-pin Type A	
Outputs	8x HDMI Out: 19-pin Type A | 1x 3-pin Phoenix | S/PDIF	
Video Encoding	Uncompressed 18Gbps	
End to End Latency	None	
Audio Formats	2ch PCM | Multichannel: LPCM and Up to DTS-X and Dolby Atmos	
Video Resolutions (Max)	**Video Resolution**	**HDMI**
	1920x1080p @60Hz 16bit	7m/23ft
	3840x2160p @60Hz 10bit 4:2:2 HDR10/10+	5m/16ft
	3840x2160p @60Hz 12bit 4:2:0 Dolby Vision	5m/16ft
	3840x2160p @50Hz 10bit 4:2:0 HLG	5m/16ft
	4096x2160p @60Hz 8bit 4:4:4	5m/16ft
Supported Standards	DCI | RGB | HDR10 | HDR 10+ | Dolby Vision | HLG | BT.2020	
Maximum Pixel Clock	600MHz	
Communication and Control		
HDMI	HDCP 2.2 | EDID	
RS-232	1x 3-pin Phoenix connection	
Power		
Power Supply	12V DC 2A	
Power Consumption	6.73w	
Environmental		
Operating Temperature	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing	
Storage Temperature	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing	
Maximum BTU	23 BTU/hr	
Dimensions and Weight		
Rack Units/Wall Box	<1U	
Height	21mm/.83in	
Width	270mm/8.66in	
Depth	120mm/4.72in	
Weight	0.83kg/1.83lbs	
Regulatory		
Safety and Emission	CE | FCC | RoHS | RCM | EAC	