

1x8 HDMI 1.3 Distribution Amplifier



SPECIFICATIONS

Model Name		SPL-2008H	
Technical			
Role of usage		1x8 Distribution Amplifier (Splitter)	
HDMI compliance		HDMI 1.3c [Deep Color, xvYCC color space supported]	
DVI compliance		DVI 1.0	
HDCP compliance		Yes	
Video bandwidth		Single-link 225MHz [6.75Gbps]	
Video support		Up to WUXGA [1920x1200@60Hz] & FullHD [1080p@60Hz]	
Audio support		DTS-HD Master Audio, Dolby TrueHD Dolby Digital, DTS, DVD-Audio, LPCM, SACD, MPCM	
ESD protection		[1] Human body model — ±19kV [air-gap discharge] & ±12kV [contact discharge] [2] Core chipset — ±2kV	
PCB stack-up		4-layer board [impedance control — differential 100Ω; single 50Ω]	
Firmware update		Feasible via USB-port	
CEC Channel		Bypass	Independent
Input TMDS signal		1.2 Volts [peak-to-peak]	
Input DDC signal		5 Volts [peak-to-peak, TTL]	
Input		1x HDMI [7.1ch audio & video]	
Output		8x HDMI [7.1ch audio & video]	
HDMI connector		Type A [19-pin female]	
Mechanical			
Housing		Metal enclosure	
Dimensions [L x W x H]	Model	340 x 95 x 45mm [1'1.5"x3.7"x1.7"]	
	Package	510 x 230 x 70mm [1'8" x 9.1" x 2.7"]	
	Carton	510 x 410 x 252mm [1'8"x1'5.3"x1'3"]	
Weight	Model	910g [2.0 lbs]	
	Package	1.7g [3.7 lbs]	
Fixedness		1RU rack-mounting case with ears	
Power supply		5V 4A DC	
Power consumption		10 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]	

FEATURES

- HDMI 1.3c and DVI 1.0 compliant
- HDCP 1.1 compliant
- Wide frequency range: 25MHz~225MHz
- Video bandwidth: 6.75Gbps
- Resolution up to 1080p or WUXGA (1920x1200)
- Automatic EDID learning
- Supports xvYCC, x.v.Color & Deep Color
- USB firmware update for expanding compatibility
- Supports Dolby Digital, DTS-HD and Dolby True HD audio
- Easy installation

PACKAGE CONTENTS

for SPL-2008H



for SP-2008H

