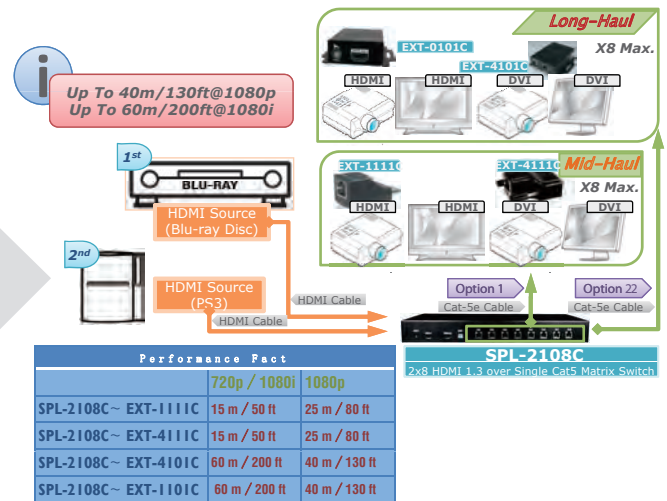


2x8 HDMI 1.3 over Single Cat5 Distribution Amplifier



SPECIFICATIONS

Model Name	SPL-2108C	EXT-0101C	EXT-1111C
Technical			
Role of usage	2x8 distribution amplifier Transmitter [TX]	Receiver [long range RX]	Receiver [short range RX]
HDMI compliance	HDMI 1.3c		
HDCP compliance	Yes		
Video bandwidth	Single-link 225MHz [6.75Gbps]		
Video support	480i / 480p / 720p / 1080i / 1080p60 up to 36-bit color		
HDMI transmission over UTP cable	Full HD (1080p): 40m (130ft) [Cat5e] / 50m (165ft) [Cat6] HD (720p/1080i): 50m (165ft) [Cat5e] / 60m (200ft) [Cat6]		
Audio support	Surround sound (up to 7.1ch) or stereo digital audio		
Equalization	Built-in	Adjustable 8-level digital	None
Input TMDS signal	1.2 Volts [peak-to-peak]		
Input DDC signal	5 Volts [peak-to-peak, TTL]		
ESD protection	[1] Human body model — ±19kV [air-gap discharge] & ±12kV [contact discharge] [2] Core chipset — ±8kV		
PCB stack-up	4-layer board [impedance control — differential 100Ω; single 50Ω]		
Input	2x HDMI	1x RJ-45	1x RJ-45
Output	8x RJ-45	1x HDMI	1x HDMI
HDMI connector	Type A [19-pin female]	Type A [19-pin female]	Type A [19-pin male]
RJ-45 connector	WE/SS 8P8C with 2 LED indicators		
DIP switch [SPL-2108C]	4-pin for EDID learning and audio setting modes		
Rotary control switch	None	HDMI signal level	None
Mechanical			
Housing	Metal enclosure		Plastic molding
Dimensions [L x W x H]	Model	438 x 158 x 44mm [1.5" x 6.2" x 1.8"]	25 x 45 x 20mm [1" x 1.8" x 0.8"]
	Package	230 x 545 x 110mm [9.1" x 1'10" x 4.3"]	175 x 270 x 80mm [6.9" x 10.6" x 3.2"]
	Carton	580 x 570 x 260mm [1'11" x 1'11" x 10.2"]	450 x 370 x 300mm [1'6" x 1'3" x 11.8"]
Weight	Model	1.4kg [3.1 lbs]	175g [6.2oz]
	Package	2.2kg [4.8 lbs]	475g [1 lb]
Fixedness	1RU rack-mount with ears	Wall-mounting case with screws	Direct plug-in
Power supply	5V 4A DC	5V 2A DC	None
Power consumption	13 Watts [max]	1 Watt [max]	0.5 Watt [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

- State-of-the-art Silicon Image (founder of HDMI) chipset embedded for utmost compatibility and reliability
- HDMI 1.3c and DVI 1.0 compliant
- HDCP 1.1 compliant
- Regenerates the HDMI signal
- Acts as a 2x1 HDMI switch plus a 1x8 HDMI over Cat5 splitter
- Supports default HDMI EDID and has the ability to learn the EDID of displays
- Extends up to 20m (66ft) of input HDMI cable
- Extends up to 60m (200ft) of output Cat-5/5e/6 UTP cable under HD (720p / 1080i)
- Extends up to 40m (130ft) of output Cat-5/5e/6 UTP cable under Full HD (1080p)
- Pure unaltered uncompressed 7.1ch digital HDMI over UTP cable transmission
- Allows cascading
- Perfectly integrated with other HDMI over Cat5 series products
- 1RU rack mountable

PACKAGE CONTENTS



Application Example

SATSON®

