



SPECIFICATIONS

Model Name		SPL-2414H v1.3
Technical		
Role of usage		True 4x4 matrix switcher
HDMI compliance		[MA-5144H v1 3] – HDMI 1.3c
HDCP compliance		Yes
Video bandwidth		[SPL-2414H v1.3] – Single-link 225MHz [6.75Gbps]
Video support		480i / 480p / 720p / 1080i / 1080p60 up to 36-bit color
Audio support		Surround sound (up to 7.1ch) or stereo digital audio
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		4x HDMI 1x RS-232
Output		4x HDMI
HDMI Input selection		Push button / IR remote / RS-232
IR remote control		Electro-optical characteristics: π= 25°/Carrier frequency: 36-40kHz
HDMI connector		Type A [19-pin female]
RS-232 connector		DE-9 [9-pin D-sub female]
DIP switch		[SW1 -SW4] 2-pin for EDID, audio mode & safe mode [SW Main] 4-pin operation mode & firmware update
Mechanical		
Housing		Metal enclosure
Dimensions [L x W x H]	Model	340 x 110 x 44mm [1'1.4"x4.3"x1.7"]
	Package	490 x 225 x 70mm [1'7.3"x8.9"x2.8"]
	Carton	510 x 380 x 252mm [1'8"x1'3"x9.9"]
Weight	Model	1075g [2.4lbs]
	Package	2090g [4.6lbs]
Fixedness		1U rack-mount with ears and wall hanging holes
Power supply		5V 6A DC
Power consumption		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]

FEATURES

- State-of-the-art Silicon Image (founder of HDMI) chipset embedded for utmost compatibility and reliability
- HDMI 1.3c compliant
- DVI 1.0 compliant
- Allows any source to be displayed on multiple displays at the same time
- Allows any HDMI display to view any HDMI source at any time
- Supports 7.1 channel digital audio
- Supports default HDMI EDID and learns the EDID of displays
- The matrix can switch every output channel to any HDMI inputs by push button, IR remote control, or RS-232 control

PACKAGE CONTENTS

