

# Christie M Series - SXGA

		Christie DS+6K-M 118-014106-XX	Christie DS+10K-M 118-013105-XX	Roadster S+10K-M 118-023106-XX	Roadster S+14K-M 118-020114-XX
Image	brightness	<ul style="list-style-type: none"> <li>• 6930 center lumens</li> <li>• 6300 ANSI lumens</li> <li>• 6800 ISO lumens</li> </ul>	<ul style="list-style-type: none"> <li>• 11,550 center lumens</li> <li>• 10,500 ANSI lumens</li> <li>• 10,518 ISO lumens</li> </ul>	<ul style="list-style-type: none"> <li>• 11,550 center lumens</li> <li>• 10,500 ANSI lumens</li> <li>• 10,518 ISO lumens</li> </ul>	<ul style="list-style-type: none"> <li>• 14,000 center lumens</li> <li>• 12,500 ANSI lumens</li> <li>• 13,750 ISO lumens</li> </ul>
	contrast	<ul style="list-style-type: none"> <li>• 2500-10,000:1 (full on/off) 650:1 ANSI (typical)</li> </ul>			
	uniformity	<ul style="list-style-type: none"> <li>• 90% brightness</li> </ul>			
Display	type	<ul style="list-style-type: none"> <li>• 3DLP® 0.95" DMD</li> </ul>			
	native resolution	<ul style="list-style-type: none"> <li>• SXGA+ (1400 x 1050)</li> </ul>			
Lamp	type	<ul style="list-style-type: none"> <li>• Dual 200W P-VIP</li> </ul>	<ul style="list-style-type: none"> <li>• Dual 350W P-VIP</li> </ul>	<ul style="list-style-type: none"> <li>• Dual 450W NSH</li> </ul>	
	life	<ul style="list-style-type: none"> <li>• High power: 2000 hrs @ 200W</li> <li>• Low power: 3000 hrs @ 150W</li> </ul>	<ul style="list-style-type: none"> <li>• High power: 1500 hrs @ 350W</li> <li>• Low power: 2000 hrs @ 300W</li> </ul>	<ul style="list-style-type: none"> <li>• High power: 1750 hrs @ 450W</li> <li>• Low power: 2000 hrs @ 360W</li> </ul>	
Inputs	standard	<ul style="list-style-type: none"> <li>• Analog BNC</li> <li>• Dual-link DVI</li> </ul>	<ul style="list-style-type: none"> <li>• Dual-link DVI</li> <li>• Twin DisplayPort input card</li> </ul>	<ul style="list-style-type: none"> <li>• Twin DisplayPort input card • Dual-link DVI</li> <li>• 3G SD/HD-SDI • Video decoder</li> </ul>	
	optional	<ul style="list-style-type: none"> <li>• Analog BNC • Dual-link DVI • Dual SD/HD-SDI</li> <li>• Video decoder • Twin HDMI™</li> </ul>		<ul style="list-style-type: none"> <li>• Analog (5 BNC)</li> </ul>	<ul style="list-style-type: none"> <li>• Analog (5 BNC)</li> <li>• Twin HDMI</li> </ul>
	input signals	<ul style="list-style-type: none"> <li>• HDTV formats VGA through to QXGA (2048 x 1536) • Accepts all current HDTV/DTV formats</li> <li>• Multi-standard video decoder • Horizontal and vertical scaling (all inputs)</li> </ul>			
	pixel clock	<ul style="list-style-type: none"> <li>• 165 MHz</li> </ul>			
	scan rates	<ul style="list-style-type: none"> <li>• Horizontal: 15-120kHz • Vertical: 23.97-150Hz</li> </ul>			
Control and networking		<ul style="list-style-type: none"> <li>• RS232 in/out • RS422 in • Ethernet (10/100) • USB device • GPIO (RS232 9-pin male connector)</li> <li>• Built-in backlit LCD keypad • Remote control (with optional wired XLR connection)</li> </ul>			
Optical system		<ul style="list-style-type: none"> <li>• Dust sealed, 3-chip DMD light engine • Motorized horizontal and vertical lens offset • Scheimpflug (tilt) adjustment</li> <li>• Built-in light shutter • Tool-free lens insertion system</li> </ul>			
Lenses	fixed	<ul style="list-style-type: none"> <li>• ILS lens 0.73:1 SX+/0.67:1 HD* • ILS lens 1.2:1 SX+/1.1:1 HD</li> </ul>			
	zoom	<ul style="list-style-type: none"> <li>• ILS lens 1.25-1.6:1 SX+/1.16-1.49:1 HD** • ILS lens 1.5-2.0:1 SX+/1.4-1.8:1 HD</li> <li>• ILS lens 2.0-2.8:1 SX+/1.8-2.6:1 HD • ILS lens 2.8-4.5:1 SX+/2.6-4.1:1 HD</li> <li>• ILS lens 4.5-7.3:1 SX+/4.1-6.9:1 HD • ILS lens 7.3-11.2:1 SX+/6.9-10.4:1 HD</li> </ul>			
	offset	<ul style="list-style-type: none"> <li>• All lenses ±100% Vertical ±50% Horizontal except those noted</li> <li>* 0.73:1 SX+/0.67:1 HD fixed lens ±23%V ±13%H</li> <li>** 1.25-1.6:1 SX+/1.16-1.49:1 HD zoom lens ±70%V ±45%H</li> </ul>			<ul style="list-style-type: none"> <li>• All lenses ±112% Vertical ±54% Horizontal except those noted</li> <li>* 0.73:1 SX+/0.67:1 HD fixed lens ±22%V ±6%H ** 1.25-1.6:1 SX+/1.16-1.49:1 HD zoom lens ±82%V ±38%H</li> </ul>
Accessories	standard	<ul style="list-style-type: none"> <li>• User manual</li> <li>• IR remote</li> <li>• Line cord</li> </ul>	<ul style="list-style-type: none"> <li>• User manual</li> <li>• IR remote</li> <li>• Line cord</li> </ul>	<ul style="list-style-type: none"> <li>• Analog BNC input card</li> <li>• Dual-link DVI input card</li> <li>• Dual SD/HD-SDI input card</li> <li>• Video decoder • User manual</li> <li>• IR remote • Line cord</li> <li>• Stacking frame</li> </ul>	<ul style="list-style-type: none"> <li>• IR remote</li> <li>• Line cord</li> </ul>
	optional	<ul style="list-style-type: none"> <li>• Coarse dust filter • Fog juice filter • Ceiling mount • DMX512 interface card</li> </ul>			
Enhanced feature sets		<ul style="list-style-type: none"> <li>• LiteLOC™ • Comprehensive Color Adjustment (CCA™) • Embedded Christie Twist™ image warping and edge-blending</li> <li>• Intelligent Lens System (ILS™) for zoom, focus, horizontal and vertical offset for all lenses • Auto setup • Digital keystone correction</li> <li>• 99 channel memories • Menus in five languages</li> </ul>			
		<ul style="list-style-type: none"> <li>• Dynamic iris</li> <li>• Multi-windowing and processing (up to a 3x3 array)</li> <li>• Black level blending</li> <li>• Built-in portrait display capabilities<sup>1</sup></li> <li>• 3D upgradable</li> </ul>	<ul style="list-style-type: none"> <li>• Electronically adjustable iris</li> <li>• Multi-windowing and processing (up to a 3x3 array)</li> <li>• Black level blending</li> <li>• Built-in portrait display capabilities<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>• Dynamic iris</li> <li>• Multi-windowing and processing (up to a 2x3 array)</li> <li>• Dust sealed engine, filter-free design</li> <li>• Built-in portrait display capabilities<sup>1</sup></li> <li>• 3D upgradable</li> </ul>	<ul style="list-style-type: none"> <li>• Multi-windowing and processing (up to a 3x3 array)</li> <li>• Black level blending</li> <li>• 24/7 operation</li> <li>• 3D upgradable</li> </ul>

<sup>1</sup> Christie M Series stacking frame is required in portrait orientation.

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<b>Power requirements</b>	operating voltage	• 100-240 VAC @ 50/60Hz			
	operating current	• 9.0A max	• 12.0A max		• 15-6A
	dissipation	• 2971 BTU/hr	• 4508 BTU/hr		• 5118 BTU/hr
	power	• 870W	• 1320W		• 1500W
<b>Dimensions</b>	size	• (LxWxH): 22.1 x 19.7 x 10.2" (561 x 500 x 259mm)			
	shipping size	• (LxWxH): 29 x 27 x 24.6" (737 x 689 x 625mm)		• (LxWxH): 31.3 x 24.2 x 28.1" (795 x 615 x 715mm)	• (LxWxH): 29 x 27 x 24.6" (737 x 689 x 625mm)
	weight	• 55lbs (25kg)			
	shipping weight	• 87lbs (39kg)	• 87lbs (39kg)	• 87lbs (39kg)	• 80lbs (36kg)
<b>Operating environment</b>	• Temperature: 40-104°F (5-40°C) • Humidity: 10-80% non-condensing				
<b>Regulatory approvals</b>	<ul style="list-style-type: none"> <li>• UL/CSA/IEC 60,950 (3rd edition) • FCC Class A, CE, CCC RoHS • WEEE</li> <li>• This product conforms to all relevant European directives, standards, safety, health and environmental concerns</li> <li>• Directives (EC) 2011/65/EU (RoHS); 2012/19/EU (WEEE); Regulation (EC) No.1907/2006 (REACH) • CAN/CSA C22.2 No. 60950-1</li> <li>• UL 60950-1 • IEC 60950-1 • FCC, Part 15, Subpart B, Class A • EN55022/CISPR22 Class A • EN55024 /CISPR24</li> <li>• Certifications marks (check with Christie for latest update): cULus (Canada &amp; US), CE (EU), CCC (China), EAC (Russia), KC (Korea), PSE (Japan), RCM (Australia &amp; New Zealand), South Africa, Saudi Arabia, BIS (India)</li> </ul>				
<b>Limited warranty</b>	<ul style="list-style-type: none"> <li>• Three years parts and labor (including light engine)</li> <li>• Contact an authorized Christie representative for full details of our limited warranty</li> </ul>				

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