Christie
M Series – WUXGA

Technical specifications		Christie WU7K-M 118-056102-XX	Christie WU12K-M 118-015107-XX	Christie WU14K-M 118-011114-XX	Roadster WU12K-M 118-025108-XX	Roadster WU14K-M 118-021115-XX
Image	brightness	• 6930 center lumens • 6300 ANSI lumens • 6800 ISO lumens	• 11,550 center lumens • 10,500 ANSI lumens • 10,625 ISO lumens	• 14,000 center lumens • 12,500 ANSI lumens • 13,625 ISO lumens	• 11,550 center lumens • 10,500 ANSI lumens • 10,625 ISO lumens	• 14,000 center lumens • 12,500 ANSI lumens • 13,625 ISO lumens
	contrast	• 2500-10,000:1 (full on/off) 650:1 ANSI (typical)				
	uniformity	• 90% brightness				
Display	type	• 3DLP® 0.96" DMD				
	native resolution	• WUXGA (1920 x 1080)				
Lamp	type	• Dual 200W P-VIP	• Dual 350W P-VIP	• Dual 450W NSH	• Dual 350W P-VIP	• Dual 450W NSH
	life	• High power: 2000 hrs @ 200W • Low power: 3000 hrs @ 150W	• High power: 1500 hrs @ 350W • Low power: 2000 hrs @ 350W	• High power: 1750 hrs @ 450W • Low power: 2000 hrs @ 360W	• High power: 1500 hrs @ 350W • Low power: 2000 hrs @ 350W	• High power: 1750 hrs @ 450W • Low power: 2000 hrs @ 360W
Inputs	standard	• RS232 in/out • RS422 in • Slot 1-2 populated, standard: 2 x Dual Link DVI-D input cards with HDMI 1.3 receiver • Slot 3-4 unpopulated	• Twin DisplayPort™ input card • Dual-link DVI	• Twin DisplayPort input card • Dual-link DVI	• Twin DisplayPort input card • Dual-link DVI	• Twin DisplayPort input card • Dual-link DVI • 3G SD/HD-SDI • Video decoder
	optional	• Full bandwidth analog BNC • Dual-link DVI input card • Dual SD/HD-SDI • Video decoder • Twin HDMI™	• Analog BNC • Dual-link DVI • Dual SD/HD-SDI • Video decoder • Twin HDMI	• Analog (5 BNC) • Dual-link DVI • Dual SD/HD-SDI • Video decoder • Twin HDMI	• Analog BNC • Dual-link DVI • Dual SD/HD-SDI • Video decoder • Twin HDMI	• Analog (5 BNC) • Dual-link DVI • Dual 3G SD/HD-SDI • Video decoder • Twin HDMI
	input signals	• HDTV formats • Accepts all current 2D HDTV/DTV formats • HDMI 1.3 receiver supports mandatory HDMI 1.4a 3D modes of operation • 24-144Hz triple flash 3D support • Optional multi-standard video decoder • Horizontal and vertical scaling (all inputs)	• HDTV formats VGA through to QXGA (2048 x 1536) • Accepts all current HDTV/DTV formats • Multi-standard video decoder • Horizontal and vertical scaling (all inputs)	• HDTV formats VGA through to QXGA (2048 x 1536) • Accepts all current HDTV/DTV formats • Multi-standard video decoder • Horizontal and vertical scaling (all inputs)	• HDTV formats VGA through to QXGA (2048 x 1536) • Accepts all current HDTV/DTV formats • Multi-standard video decoder • Horizontal and vertical scaling (all inputs)	• HDTV formats VGA through to QXGA (2048 x 1536) • Accepts all current HDTV/DTV formats • Multi-standard video decoder • Horizontal and vertical scaling (all inputs)
	pixel clock	• 330 MHz	• 165 MHz			
	scan rates	• Horizontal: 15-120kHz • Vertical: 23.97-150Hz				
Control and networking		• RS232 in/out • RS422 in • Ethernet (10/100) • USB device • GPIO (RS232 9-pin male connector) • Built-in backlit LCD keypad • Remote control (with optional wired XLR connection)				
		• Slot 1-2 standard (populated): dual-link DVI-D (330 MHz) and VGA (165 MHz) • Slots 3-4 are available for option cards				
Optical system		• Dust sealed, 3-chip DMD light engine • Motorized horizontal and vertical lens offset • Scheimpflug (tilt) adjustment • Built-in light shutter • Tool-free lens insertion system				

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Lenses	fixed	• ILS lens 0.73:1 SX+/ 0.67:1 HD* • ILS lens 1.2:1 SX+/1.1:1 HD				
	zoom	• 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 • 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 • ILS Lens 4.5-7.1:1 SX+/4.1-6.9:1 HD • ILS Lens 7.5-11.2:1 SX+/6.9-10.4:1 HD				
	offset	• All lenses ±112% Vertical ±54% Horizontal except those noted * 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				
Accessories	standard	• User manual • IR remote • Line cord • 2 x dual-link DVI-D cards • 3D sync cable	• User manual • IR remote • Line cord	• IR remote • Line cord	• User manual • IR remote • Line cord	• Stacking frame • IR remote • Line cord
	optional	• Coarse dust filter • ILS lens adapter kit • Stacking frame • Dual HD/SDI input card • Twin HDMI input card • Dual-link DVI input card • Video decoder input card[1]	• Coarse dust filter • Fog juice filter • Ceiling mount • Ceiling mount extension • ILS lens adapter kit • Stacking frame • Christie® AutoStack™ • DMX512 interface card	• Coarse dust filter • Fog juice filter • Ceiling mount • Ceiling mount extension • ILS lens adapter kit • Stacking frame • Christie AutoStack • DMX512 interface card	• Coarse dust filter • Fog juice filter • Ceiling mount • Ceiling mount extension • ILS lens adapter kit • Stacking frame • Christie AutoStack • DMX512 interface card	• Coarse dust filter • Fog juice filter • Ceiling mount • Ceiling mount extension • ILS lens adapter kit • Stacking frame • Christie AutoStack • Christie AutoStack Premium • DMX512 interface card
Enhanced feature sets		• LiteLOC™ • Comprehensive Color Adjustment (CCA™) • Embedded Christie Twist™ image warping and edge-blending • Auto setup • Intelligent Lens System (ILS™) for zoom, focus, horizontal and vertical offset for all lenses • Digital keystone correction • 3D upgradable • Menus in five languages • 99 channel memories • Multi-windowing and processing (up to a 3x3 array) • Black level blending				
		• Built-in portrait display capabilities[2] • Dynamic iris • Motorized yellow notch filter			• Built-in portrait display capabilities[2] • Motorized yellow notch filter • Dynamic iris	
Power requirements	operating voltage	• 100-240 VAC @ 50/60Hz				
	operating current	• 9.0A max	• 12.0A max	• 15-6A	• 12.0A max	• 15-6A
	dissipation	• 2971 BTU/hr	• 4508 BTU/hr	• 5118 BTU/hr	• 4508 BTU/hr	• 5118 BTU/hr
	power	• 1320W	• 1320W	• 1500W	• 1320W	• 1500W
Dimensions	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)				
	weight	• 55lbs (25kg) (without lens)				
	shipping weight	• 87lbs (39kg)				
Operating environment		• Temperature: 40-104°F (5-40°C) • Humidity: 10-80% non-condensing				
Regulatory approvals		• UL/CSA/IEC 60,950 (3rd edition) • FCC Class A, CE, CCC RoHS • WEEE • This product conforms to all relevant European directives, standards, safety, health and environmental concerns • Directives (EC) 2011/65/EU (RoHS); 2012/19/EU (WEEE); Regulation (EC) No.1907/2006 (REACH) • CAN/CSA C22.2 No. 60950-1 • UL 60950-1 • IEC 60950-1 • FCC, Part 15, Subpart B, Class A • EN55022/CISPR22 Class A • EN55024 /CISPR24 • Certifications marks (check with Christie for latest update): cULus (Canada & US), CE (EU), CCC (China), EAC (Russia), KC (Korea), PSE (Japan), RCM (Australia & New Zealand), South Africa, Saudi Arabia, BIS (India)				
Limited warranty		• Three years parts and labor (including light engine) • Contact an authorized Christie representative for full details of our limited warranty				

[1] May not include 3D support.
[2] Christie M Series stacking frame is required in portrait orientation.

DLP PICTURE BY TEXAS INSTRUMENTS

CERTIFIED ISO 9001 QUALITY SYSTEM

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