

Christie M Series - Mirage HD

		Mirage HD6K-M 118-012104-XX	Mirage HD10K-M 118-051107-XX	Mirage HD14K-M 118-059105-XX
Image	brightness	<ul style="list-style-type: none"> • 6600 center lumens • 6000 ANSI lumens • 6480 ISO lumens 	<ul style="list-style-type: none"> • 11,000 center lumens • 10,000 ANSI lumens • 10,625 ISO lumens 	<ul style="list-style-type: none"> • 13,500 center lumens • 12,000 ANSI lumens • 13,500 ISO lumens
	contrast	• 2500-10,000:1 (full on/off) 650:1 ANSI (typical)		
	uniformity	• 90% brightness		
Display	type	• 3DLP® 0.95" DMD		
	native resolution	• HD (1920 x 1080)		
Lamp	type	• Dual 200W P-VIP	• Dual 350W P-VIP	• Dual 450W NSH
	life	<ul style="list-style-type: none"> • High power: 2000 hrs @ 200W • Low power: 3000 hrs @ 150W 	<ul style="list-style-type: none"> • High power: 1500 hrs @ 350W • Low power: 2000 hrs @ 300W 	<ul style="list-style-type: none"> • High power: 1750 hrs @ 450W • Low power: 2000 hrs @ 360W
Inputs	standard			<ul style="list-style-type: none"> • Twin DisplayPort input card • 2 x dual-link DVI +VGA
	optional		<ul style="list-style-type: none"> • Analog input card • Slots 3-4 unpopulated • Full bandwidth analog BNC • Dual-link DVI input card (330 MHz), VGA (165 MHz) • Dual SD/HD-SDI • Video decoder • Twin HDMI™ 	<ul style="list-style-type: none"> • Analog (5 BNC) • Dual-link DVI • SD/HD-SDI • Video decoder • Twin HDMI • DMX512 interface
	input signals	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Native dual-link DVI-D • Frame-doubled 3D - dual-link DVI, VGA 	<ul style="list-style-type: none"> • 2D: • 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) • 3D: • Native 3D 48-60Hz per eye • Frame doubled 3D 24-30Hz per eye • Dual input 3D 48-60Hz per eye • HDMI1.4a Frame packed and Side-by-Side Horizontal
	pixel clock	• 165 MHz	• 330 MHz	
	scan rates	• Horizontal: 15-120kHz • Vertical: 23.97-150Hz		
Control and networking		<ul style="list-style-type: none"> • RS-232 in/out • RS-422 in • Ethernet (10/100) • GPIO (RS-232 9 Pin male connector) • USB device • Remote control (with optional wired XLR connection) • Built-in backlit LCD keypad 		
			<ul style="list-style-type: none"> • Slot 1-2 standard (populated): dual-link DVI-D (330 MHz) and VGA (165 MHz) 	
Optical system		<ul style="list-style-type: none"> • 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 		
Lenses	fixed	• ILS lens 0.73:1 SX+/0.67:1 HD* • ILS lens 1.2:1 SX+/1.1:1 HD		<ul style="list-style-type: none"> • ILS lens 0.67:1 HD* • ILS lens 1.1:1 HD
	zoom	<ul style="list-style-type: none"> • 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 4.5-7.5:1 SX+/4.1-6.9:1 HD • ILS lens 7.5-11.2:1 SX+/6.9-10.4:1 HD 		<ul style="list-style-type: none"> • ILS Lens 1.16-1.49:1 HD** • ILS Lens 1.4-1.8:1 HD • ILS Lens 1.8-2.6:1 HD • ILS Lens 2.6-4.1:1 HD • ILS Lens 4.1-6.9:1 HD • ILS Lens 6.9-10.4:1 HD
	offset	<ul style="list-style-type: none"> • All lenses ±120% Vertical ±54% Horizontal except those noted * 0.73:1 SX+/0.67:1 HD fixed lens ±35%V ±12%H ** 1.25-1.6:1 SX+/1.16-1.49:1 HD zoom lens ±100%V ±40%H 	<ul style="list-style-type: none"> • All lenses ±120% Vertical ±54% Horizontal except those noted * 0.73:1 SX+/0.67:1 HD fixed lens ±23%V ±13%H ** 1.25-1.6:1 SX+/1.16-1.49:1 HD zoom lens ±70%V ±45%H 	<ul style="list-style-type: none"> • All lenses ±120% Vertical ±42% Horizontal except those noted * 0.67:1 HD fixed lens ±35%V ±12%H ** 1.16-1.49:1 HD zoom lens ±100%V ±40%H
Accessories	standard	<ul style="list-style-type: none"> • Analog BNC input card • Dual-link DVI input card • User manual • IR remote • Line cord 	<ul style="list-style-type: none"> • User manual • IR remote • Line cord • Two dual-link DVI-D cards • 3D sync cable 	<ul style="list-style-type: none"> • IR remote • Power cord • GPIO 3D sync cable • Twin DisplayPort input card
	optional	<ul style="list-style-type: none"> • Video decoder • Twin HDMI input module • Coarse dust filter • Fog juice filter • Ceiling mount • Stacking frame • Analog BNC input card • Dual-link DVI input card • Dual SD/HD-SDI input card • DMX512 interface card 	<ul style="list-style-type: none"> • Coarse dust filter • ILS lens adapter kit • Dual HD/SDI input card • Stacking frame • Dual HD/SDI input card • Twin HDMI input card • Video decoder input card¹ 	<ul style="list-style-type: none"> • Coarse dust filter • Fog juice filter • Ceiling mount • Ceiling mount extension • ILS lens adapter kit • Stacking frame • Christie® AutoStack™ • Christie AutoStack Premium

¹ May not include 3D support

Christie M Series - Mirage HD

	Mirage HD6K-M 118-012104-XX	Mirage HD10K-M 118-051107-XX	Mirage HD14K-M 118-059105-XX	
Enhanced feature sets	<ul style="list-style-type: none"> • LiteLOC™ • Embedded Christie Twist™ - internal advanced warping and edge-blending 			
	<ul style="list-style-type: none"> • Comprehensive Color Adjustment (CCA™) • Intelligent Lens System (ILS™) for zoom, focus, horizontal and vertical offset • Multi-windowing and screen processing (up to a 2x3 array) • Dynamic iris • Menus in five languages • 99 channel memories • Auto setup • Digital keystone correction • Dust-sealed engine, filter-free design • Motorized yellow notch filter • Built-in portrait display capabilities² • 3D upgradable 	<ul style="list-style-type: none"> • Electronically adjusted iris • Dust-sealed, filter-free design • Reduced power requirements (as compared to competitive products on the market today) - at maximum brightness the unit only draws 1320W; standby power consumption (phantom power draw) is less than 20W • Reduced noise levels • LCD keypad - active keys are amber to indicate whether function selected will be seen by the audience • Motorized yellow notch filter • Built-in portrait display capabilities² 	<ul style="list-style-type: none"> • Comprehensive Color Adjustment (CCA) • Intelligent Lens System (ILS) for zoom, focus, horizontal and vertical offset for all lenses • Menus in five languages • 99 channel memories • Auto setup • Digital keystone correction • 24/7 operation • Built-in portrait display capabilities² • Black level blending 	
Power requirements	operating voltage	• 110-240 VAC 50/60Hz	• 100-240 VAC 50/60Hz	• 100-240 VAC 50/60Hz
	operating current	• 8.7A @ 100 VAC	• 12A @ 100 VAC	• 15A @ 100 VAC
	dissipation	• 2971 BTU/hr	• 4508 BTU/hr	• 5118 BTU/hr
	power	• 870W	• 1320W	• 1500W
Dimensions	size	• (LxWxH): 22.1 x 19.7 x 10.2" (561 x 500 x 259mm)		
	shipping size	• 29 x 27 x 20.5" (737 x 689 x 521mm)	• 29 x 27 x 24.6" (737 x 689 x 625mm)	
	weight	• 55lbs (25kg)	• 55lbs (25kg) (without lens)	• 55lbs (25kg) (without lens)
	shipping weight	• 87lbs (39kg)	• 87lbs (39kg) (without lens)	• 87lbs (39kg) (without lens)
Operating environment	• Temperature: 40-104°F (5-40°C) • Humidity: 10-80% non-condensing			
Regulatory approvals	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Three years parts and labor (including light engine) • Contact an authorized Christie representative for full details of our limited warranty 			

² Christie M Series stacking frame is required in portrait orientation

United Kingdom
Branch & EMEA
Head Office
ViewPoint
200 Ashville Way
Wokingham
Berkshire, U.K.
RG41 2PL
PH: +44 (0) 118 977 8000

Middle East
Light Industrial Unit (LIU-17)
Nad Al Shibba
Sheikh Mohammed Bin Zayed Road
Dubai Silicon Oasis
PO Box: 293762
Dubai - U.A.E
PH: +971 (0) 4 503 6800

Africa
Unit C3
Northlands Deco Park
New Market Road
Northriding
Randburg
2164
Johannesburg
Gauteng
South Africa
PH: +27 71 335 8667

Other EMEA offices

Germany
Branch Office
PH: +49 2161 566 200

France
Branch Office
PH: +33 (0) 1 41 21 44 04

Eastern Europe
Representative Office
PH: +36 (0)1 47 48 138

Spain
Branch Office
PH: +34 91 633 9990

Italy
Independent Sales Consultant Office
PH: +39 (0) 2 9902 1161

Russia
Independent Sales Consultant Office
PH: +7 (495) 930-8961



For the most current specification information, please visit www.christieemea.com

Copyright 2016 Christie Digital Systems USA, Inc. All rights reserved. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Christie Digital Systems Canada Inc.'s management system is registered to ISO 9001 and ISO 14001. Performance specifications are typical. Due to constant research, specifications are subject to change without notice. Printed in Canada on recycled paper. 4342 Nov 16

CHRISTIE®