

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: <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) • 3D: <ul style="list-style-type: none"> • 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

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	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)		
	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

Corporate offices

Christie Digital Systems USA, Inc.
Cypress
ph: 714 236 8610

Christie Digital Systems Canada Inc.
Kitchener
ph: 519 744 8005

Worldwide offices

Australia
ph: +61 (0) 7 3624 4888

Brazil
ph: +55 (11) 2548 4753

China (Beijing)
ph: +86 10 6561 0240

China (Shanghai)
ph: +86 21 6278 7708

France
ph: +33 (0) 1 41 21 44 04

Germany
ph: +49 2161 664540

India
ph: +91 (080) 6708 9999

Japan (Tokyo)
ph: 81 3 3599 7481

Korea (Seoul)
ph: +82 2 702 1601

Mexico
ph: +52 55-4744-1790

Republic of South Africa
ph: +27 11 251 0000

Russian Federation and Eastern Europe
ph: +36 (0) 1 47 48 100

Singapore
ph: +65 6877 8737

Spain
ph: +34 91 633 9990

United Arab Emirates
ph: +971 4 3206688

United Kingdom
ph: +44 (0) 118 977 8000

United States (Arizona)
ph: 602 943 5700

United States (New York)
ph: 646 779 2014

Independent sales consultant offices

Italy
ph: +39 (0) 2 9902 1161



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