

Christie Mirage HD10K-M

Christie Mirage HD10K-M – HD (1920 x 1080) – 3-chip DLP® – Part number: 118-051107-XX

Image	brightness	dual lamp	• 10,000 ANSI lumens (11,000 center lumens) ±10%
		single lamp	• 5000 ANSI lumens (5500 center lumens) ±10%
	contrast		• 2500-10,000:1 (full on/off) • 650:1 ANSI (typical)
	uniformity		• 80% brightness uniformity
Display	type		• 3-chip 0.95" DMD
	native resolution		• HD (1920 x 1080)
	frame delay		• As low as one frame
Lamp	type		• Dual 350W P-VIP® Osram
	estimated life	high power	• 1500 hrs @ 350W
		low power	• 2000 hrs @ 300W (eco mode)
Input	standard		• Slot 1-2 populated, standard: two Dual Link DVI-D (330 MHz) input cards (each has VGA (165 MHz) for 3D or dual input 3D compatibility) with HDMI 1.3 receiver • Slot 3-4 unpopulated
	optional		• Analog BNC • Dual-link DVI • Dual SD/HD-SDI • Video Decoder • Twin HDMI • DMX512 interface card
	signals		• HDTV formats VGA through to WQXGA (2560 x 1600) • Accepts all current 2D HDTV/DTV formats (optional input module may be required) • HDMI 1.3 receiver supports mandatory HDMI 1.4a 3D modes of operation • 24-144Hz triple flash 3D support available for -02 and later models updated with latest firmware² • Optional multi-standard video decoder • Horizontal and vertical scaling, all inputs
	pixel clock		• 330 MHz
	scan rates		• Horizontal: 15-120kHz • Vertical: 23.97-150Hz (frame lock maximum 120Hz) • 48-60Hz frame doubled or dual input 3D • 96-120Hz frame rate up to 1920 x 1200 • 24-144Hz triple flash 3D support available for -02 and later models updated with latest firmware²
Inputs/outputs, control and networking			• RS-232 in/out • RS-422 in • Ethernet (10/100) • GPIO (RS-232 9 Pin male connector) • Built-in backlit LCD keypad • Remote control (with optional wired XLR connection)
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
Lenses	fixed		• 0.67:1 HD/WU ILS Lens* • 1.1:1 HD/WU ILS Lens
	zoom		• 1.16-1.49:1 HD/WU ILS Lens** • 1.4-1.8:1 HD/WU ILS Lens • 1.8-2.6 HD/WU ILS Lens • 2.6-4.1:1 HD/WU ILS Lens • 4.1-6.9:1 HD/WU ILS Lens • 6.9-10.4:1 HD/WU ILS Lens
	offsets¹		• All lenses ±120% Vertical ±54% Horizontal except those noted below * 0.69:1 fixed lens ±35%V ±12%H ** 1.16-1.49:1 zoom lens ±100%V ±40%H
Accessories	standard		• IR remote • Power cord • GPIO 3D sync cable
	optional		• Coarse dust filter • Fog juice filter • Ceiling mount • Ceiling mount extension • ILS lens adapter kit • Portrait display adapter • Stacking frame • Christie® AutoStack™
Enhanced feature sets²			• LiteLOC™ • Comprehensive Color Adjustment (CCA™) • Embedded Christie Twist™ image warping and edge-blending • Intelligent Lens System (ILS™) for zoom, focus, horizontal and vertical offset for all lenses • Auto setup • Digital keystone correction • Dynamic iris • Menus in five languages • 99 channel memories • Black level blending • 24/7 operation
Power requirements	operating voltage		• 100-240 VAC 50/60Hz
	operating current		• 12A max @ 100-120 VAC • 6A max @ 200-240 VAC
	dissipation		• 4508 BTU/hr
Dimensions	size		• (LxWxH): 22.1 x 19.7 x 10.2" (561 x 500 x 259mm)
	shipping size		• (LxWxH): 29.0 x 27.0 x 24.6" (735 x 685 x 625mm)
	weight		• 55lbs (25kg) (without lens)
	shipping weight		• 80lbs (36kg)
Operating environment			• Temperature: 40-95°F (5-35°C) • Humidity: 20-80% non-condensing
Regulatory approvals			• Directives (EC) 2002/95/EC (RoHS); 2002/96/EC (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), GoST-R (Russia), KC (Korea), PSE (Japan), C-Tick (Australia & New Zealand)
Limited warranty			• Three years parts and labor (including light engine) • Contact an authorized Christie representative for full details of our limited warranty

¹ Values are for reference and should be validated with the Christie lens calculator.

² Some features may not be functional on initial product shipments but will be enabled via software upgrade when available.

Corporate offices

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

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

Worldwide offices

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

Germany
ph: +49 2161 664540

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

Spain
ph: +34 91 633 9990

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

United Arab Emirates
ph: +971 (0) 4 299 7575

India
ph: (080) 41468940

Singapore
ph: +65 6877 8737

Independent sales consultant offices

Italy
ph: +39 (0) 2 9902 1161

South Africa
ph: +27 (0) 317 671 347

China (Shanghai)
ph: +86 21 6278 7708

China (Beijing)
ph: +86 10 6561 0240

Japan (Tokyo)
ph: 81 3 3599 7481

Korea (Seoul)
ph: +82 2 702 1601



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

Copyright 2011 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. 3052 Sept 11