

# Christie Mirage HD14K-M

Christie Mirage HD14K-M – HD (1920 x 1080) – 3-chip DLP® – Part number: 118-059105-02

Image	brightness	dual lamp	• 12,000 ANSI lumens (13,500 center lumens)
		single lamp	• 6000 ANSI lumens (6750 center lumens)
	contrast		• 2500:1 (full on/off) • 650:1 ANSI (typical)
	uniformity		• 90% brightness uniformity
Display	type		• 3-chip 0.95" DMD
	native resolution		• HD (1920 x 1080)
Lamp	type		• Dual 450W NSH
	estimated life	high power	• 1000 hrs @ 450W
		low power	• 1500 hrs @ 360W
Input	standard		• 2x Dual-link DVI + VGA
	optional		• Analog (5 BNC) • Dual-link DVI • SD/HD-SDI • Video Decoder • Twin HDMI • DMX512 interface
	signals 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
	signals 3D		• Native 3D: 48-60Hz per eye • Frame doubled 3D: 24-30Hz per eye • Dual input 3D: 48-60Hz per eye • HDMI 1.4a: frame packed and side-by-side horizontal
	pixel clock		• 330 MHz
	scan rates		• Horizontal: 15-120kHz • Vertical: 23.97-150Hz
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)
Lenses	fixed		• ILS Lens 0.67:1 HD* • ILS Lens 1.1:1 HD
	zoom		• 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
	offsets <sup>1</sup>		• All lenses ±120% Vertical ±42% Horizontal except those noted below * 0.67:1 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 • Stacking frame • Christie® AutoStack™ (optional curve module available)
Enhanced feature sets <sup>2</sup>			• 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 • Menus in five languages • 99 channel memories • Motorized yellow notch filter (HD and WUXGA models only) • Black level blending • 24/7 operation • Built-in portrait capabilities
Power requirements (dual lamp mode)	operating voltage		• 100-240 VAC 50/60Hz
	max current		• 15A @ 100V
	max power		• 1500W
	dissipation		• 5118 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: 40-104°F (5-40°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), South Africa
Limited warranty			• Three years parts and labor (including light engine)

<sup>1</sup> Values are for reference and should be validated with the Christie lens calculator.

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

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