

Christie Mirage WQ-L

Technical specifications		Christie Mirage WQ-L – (2560 x 1600) WQXGA, solid state illumination, dual input, part number: 130-001102-01
Image	brightness	• 800 ANSI lumens
	contrast	• 10,000:1 dynamic contrast (under LED control) • No mechanical iris required
	uniformity	• 95% brightness and color uniformity after electronic adjustment
Display technology	type	• Revolutionary solid state projector using a single TI Darkchip 3™ DMD with a solid state illumination engine (no color wheel) and sealed optics
	native resolution	• 2560 x 1600 WQXGA
	output frame rate	• True 120Hz 3D (60Hz per eye content) or 120Hz via frame doubled content (30Hz per eye)
Input	signal format	• 2560 x 1600 WQXGA ¹
	input frame rate	• 2560 x 1600 @ 60Hz x 2 frame-locked with Dual input 3D for true 120Hz (60Hz per eye 3D) or 2560 x 1600 @ 60Hz x 1 for frame doubled output to 120Hz ²
Inputs/ outputs, control and networking	inputs	• External PC is required for projector operations via Ethernet • Additional Ethernet connections for Christie ArrayLOC™ network • 2 x RS-232 ports and 1 x RS-422 port • 2 x Dual-link DVI-D
	lens mount	• Mechanical, horizontal and vertical lens shift • No shutter required • No iris required – user programmable illumination parameters (eliminates the need for a mechanical shutter)
Optical system	illumination	• Solid state illumination • Illumination lifetime greater than 50,000 hrs (to 50% output)
	ArrayLOC	• Manages the brightness and color levels of all projectors within an array to a common level, in real-time with no additional latency
Lenses	fixed	• 0.68:1 fixed • 0.80:1 fixed
	zoom	• 1.28-1.71:1 zoom
	offsets	• 0.68:1 lens features ±5% (horizontal) and ±15% (vertical) offset when mounted in landscape orientation ³ • 0.80:1 lens features +100%/-60% (horizontal) and +150%/-100%(vertical) offset when mounted in landscape orientation ³ • 1.28-1.71:1 lens features +100%/-60% (horizontal) and +150%/-100% (vertical) offset when mounted in landscape orientation ³
Accessories	standard	• Line cord • Christie Twist™
	optional	• User kit (includes manual, IR remote) • Christie AutoCal™ • Christie Twist Pro™ • Rugged Motion Platform kit ⁴ to withstand 5g shock load (purpose-built) • Ruggedized transit case • Remote IR sensor • Christie MotoBlend™ optical blending ⁵
Enhanced feature sets		• Minimum Processing Latency (MPL™) • Auto power up • Menus in 5 languages • Christie ArrayLOC – automatic, continuous management of brightness and color space levels of all projectors in the array to a common level, in real-time
Power requirements	operating voltage	• 100-240 VAC 50/60Hz
	operating current	• 12A max 100-120 VAC, 6A 200-240 VAC (lower in normal operational modes)
	dissipation	• 2316 BTU/hr max (lower in normal operational modes)
Physical	size	• 400 x 400 x 406mm (without lens)
	weight	• 40kg (without lens)
	shipping weight	• 80kg (without lens)
Environment		• Temperature: 40-95°F (5-40°C) • Humidity: 20-80% non condensing
Orientation		• Portrait and landscape
Regulatory approvals		• 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 ; ICEES003 / NMB003 (A) • The product is designed to comply with the rules and regulations required for the product to be sold in various regional markets, including: USA/Canada, EU, Argentina, Brazil, Australia/New Zealand, Kuwait, China, Korea, Japan, Hong Kong, Mexico, Ukraine, Russia, India, South Africa, Singapore, UAE, and Saudi Arabia
Warranty		• Standard warranty: Two years parts and labor • Extended warranty options available • Contact an authorized Christie representative for full details of our limited warranty

¹ Standard VESA timing of 2560 x 1600 with reduced blanking.

² Frame doubling functionality is included in hardware, but not available until new firmware is released in Q1-2014.

³ Each offset is specified with the other at zero. Simultaneous horizontal and vertical offsets may limit the adjustment range of each.

⁴ Mirage WQ-L is available with a Ruggedized Motion Platform kit. These are purpose built to interface with customers' motion platform structures and available on a build-to-order basis. For details, please contact your Christie sales representative.

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