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Christie Mirage WU-L

3D mapping
3D simulation environments
Business presentations
Civil engineering
Construction management
Events and large venues
Industrial design
Manufacturing
Medical training
Museums and education
Oil and gas exploration
Scientific research
Theme parks
Topographical analysis



LED DLP® reliability with high performance 2D/3D flexibility

The Christie® Mirage WU-L offers high resolution, high pixel density, high reliability and continuous system calibration for a cost-effective 2D/3D capable, flexible visualization solution.

With WUXGA resolution, this small footprint projection system offers dual input 3D mode for passive to active conversion that provides the highest performance 3D video content at 120Hz. The Christie Mirage WU-L delivers visually stunning 3D for entertainment, museums and education, scientific research, manufacturing, oil and gas exploration, stereo simulation training and anything in between.

LED illumination provides precise, life-like vibrant colors and repeatable performance, with no color wheel artifacts, for years of virtually maintenance-free display. And, there are no restrictions for positioning, which results in greater installation flexibility.

With optional lenses, embedded Christie Twist™ II, any orientation projector placement and industry-leading Christie warranties, service and support, the Christie Mirage WU-L provides high-performance and ease of use for 3D users.

CHRISTIE®

Christie Mirage WU-L (125-005106-01)		
Image	brightness	• 600 lumens ANSI ±10% (rated at 75-80% EBU depending on the lens)
	contrast	• 10,000:1 dynamic; 1,400:1 FOFO; 450:1 ANSI
	uniformity	• 95% brightness and color uniformity after electronic adjustment
Display technology	type	• Revolutionary solid state projector using a single TI Darkchip 3™ with a solid state illumination engine (no color wheel) and sealed optics
	native resolution	• Native 1920 x 1200 (16:10 aspect ratio) WUXGA
Illumination	type	• RGB LED illumination
	estimated life	• MTBF of 60,000 hrs on illumination package
Input	signals	• Native Dual link DVI-D • Dual Input 3D provides up to 120Hz native frame rate from two frame-locked channels[1] • Frame-doubled 3D – Dual link DVI, VGA (HDMI, Analog BNC and SDI optional)
	pixel clock	• 330 MHz
	scan rates	• Horizontal: 15-120kHz • Vertical: 23.97-150Hz (up to 120Hz maximum output)[2]
Inputs/ outputs, control and networking	inputs	• RS-232 in/out • RS-422 in • Ethernet (10/100) • USB device • GPIO (RS232 9-pin male connector) • Dual 7-segment status display • Remote control (with optional wired XLR connection) • Slot 1-2 standard (populated): two Dual link DVI-D (330 MHz) and VGA (165 MHz)
	optional input modules	• Two standard Dual link DVI input cards (330 MHz), VGA (165 MHz) • Full bandwidth Analog BNC • Slots 2-4 unpopulated • Dual SD/HD-SDI • Video Decoder[3] • Twin HDMI
Lenses[4]	lens mount	• Motorized horizontal and vertical lens offset • No shutter required • No iris required – user programmable illumination parameters (eliminates the need for a mechanical shutter)
	fixed	• 0.64:1 WUXGA lens • 0.75:1 WUXGA lens
	zoom	• 1.2-1.6:1 WUXGA lens
	offsets[5]	• 0.64:1 WU (±5% V/±5%H) • 0.75:1 (±100% V/±80%H) • 1.2-1.6:1 (±100% V/±80%H)
Standard accessories		• IR remote • Line cord • Two Dual link DVI-D cards • 3D sync cable
Optional accessories		• Analog RGBHV BNC input card for analog sources greater than 165 MHz • Dual link DVI input card • Dual HD-SDI input card • Twin HDMI input card • User kit (includes manual, IR remote and hard wired cable for the remote) • Rugged Motion Platform user kit available
Enhanced feature sets		• Minimum Processing Latency (MPL™) • Christie Twist™ II – advanced warping/edge-blending hardware technology integrated directly into the projector, includes warping/ blending software • Auto setup, power up • Menus in eight languages • Multiple channel memories (for recall memory storage) • Christie ArrayLOC™ – automatic, continuous management of brightness and color space levels of all projectors in an array to a common level, in real-time
Power requirements	operating voltage	• 100-240 VAC @ 50/60Hz
	operating current	• 5.3A
	power consumption	• 400W maximum (variable, dependant on content)
	dissipation	• 1364 BTU/hr (variable, dependant on content)
Physical	size	• Projector head module + light module (no lens) (LxWxH): 8.7 x 18.4 x 11.0" (220 x 467 x 287mm) • Electronics module (LxWxH): 16.5 x 5.5 x 6.7" (420 x 140 x 170mm)
	weight	• Projector head module + light module (no lens): 32lbs (14.6kg) • Electronics module: 9.7lbs (4.4kg)
	shipping weight	• 52lbs (23.6kg)
Noise		• 38dBA at 25°C ambient temperature (without electronics module)
Environment		• Temperature: 40-95°F (5-35°C) • Humidity: 20-80% non-condensing
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 • Certifications marks (check with Christie for latest update): cULus (Canada & US), CE (EU), CCC (China), GoST-R (Russia), KC/KCC (Korea), PSE (Japan), C-Tick (Australia & New Zealand)
Warranty		• Three years parts and labor (excluding illumination module) • Contact an authorized Christie representative for full details of our limited warranty

[1] Requires purchase of at least one optional input module. [2] Maximum refresh rate is 120Hz. [3] Each offset is specified with the other at zero. Simultaneous horizontal and vertical offsets may limit the adjustment range of each. [4] All lenses are optional.
[5] When mounted in landscape orientation.



▲ Two standard Dual link DVI-D (330 MHz) input cards, each with a VGA (165 MHz) port.



▲ High resolution, high pixel density and high reliability in a small, low power cost-effective form factor.



▲ Optional purpose-built Rugged Motion Platform user kit available.



▲ No lamps mean no restrictions in orientation and increased installation flexibility.

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