

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 $\pm 10\%$ (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 | • 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) |
| Inputs/ outputs, control and networking | 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 |
| | 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) |
| Lenses ⁴ | 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 ($\pm 5\%$ V/ $\pm 5\%$ H) • 0.75:1 ($\pm 100\%$ V/ $\pm 80\%$ H) • 1.2-1.6:1 ($\pm 100\%$ V/ $\pm 80\%$ 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.

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

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

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

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

Republic of South Africa
ph: +27 (0)11 510 0094

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

Independent sales
consultant offices

Italy
ph: +39 (0) 2 9902 1161



ISO 9001
ISO 14001

Kitchener, Ontario



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



Copyright 2014 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. 3870 Jul 14

CHRISTIE®