

## Projection solutions and tools

### 1DLP

Christie Jazz Series | Corporate | Hospitality & tourism | Museums | Worship | Government | Attractions | Live events

#### Model(s)

- 4K2100-JS
- 4K1600-JS
- DWU2400-JS
- DWU1800-JS



#### Specifications

- Illumination type: Laser phosphor
- Display type: 0.8" HEP DMD
- Lumens:
  - DWU2400-JS: 23,750 ISO / 20,000 ANSI
  - DWU1800-JS: 17,800 ISO / 15,000 ANSI
  - 4K2100-JS: 21,350 ISO / 18,000 ANSI
  - 4K1600-JS: 16,600 ISO / 14,000 ANSI
- Resolutions:
  - DWU2400-JS & DWU1800-JS: WUXGA (1920 x 1200)
  - 4K2100-JS & 4K1600-JS: 4K UHD+ (3840 x 2400) , Native WUXGA (1920 x 1200)
- Size (L x W x H): 23.6 x 20.5 x 7.6" (600 x 520 x 193 mm) without feet
- Contrast ratio: 1,500:1 on/off, 25,00:1 dynamic contrast, 4,000,000:1 with Christie RealBlack™ enabled
- Illumination performance 20,000 hours to half brightness or 50,000 hours in ECO mode, with virtually maintenance-free operation
- 3D: Supports active and passive 3D with stunning depth and frame rates up to 60 Hz per eye
- Built-in Christie Twist™ warping and blending software
- Compatible with Mystique™ camera-based alignment and Christie Intelligent Camera

#### We thought of everything

- Outstandingly bright and impressively lightweight (65 lbs | 29.4 kg) with one of the best size-to-brightness ratios in 1DLP projection
- Remarkably compact, omnidirectional design paired with an optional ultra-short throw lens offers complete installation flexibility - supporting discreet architectural integration and concealed, space-saving placement
- Advanced 0.8" HEP DMD delivers exceptional efficiency, brilliant color, and crowd-captivating contrast
- Lenses for every application, leveraging compatibility with HS and Korus Series lenses for added convenience and cost savings
- 21:9 wide aspect ratio support
- TAA-compliant models available
- Backed by a five-year warranty



## 1DLP (continued)

### Christie Korus Series | Corporate | Hospitality & tourism | Museums | Worship | Government | Attractions

#### Model(s)

- 4K1400-KS
- 4K1000-KS



#### Specifications

- Illumination type: Laser phosphor
- Display type: 0.8" HEP DMD
- Lumens:
  - 4K1400-KS: 14,250 ISO / 12,000 ANSI
  - 4K1000-KS: 10,050 ISO / 8,500 ANSI
- Resolutions: 4K UHD+ (3840 x 2400), Native WUXGA (1920 x 1200)
- Size (L x W x H): 16.4 x 21.1 x 7.6" (416 x 535 x 194 mm) without feet
- Contrast ratio: 1,500:1 on/off, 25,000:1 dynamic contrast, 4,000,000:1 with Christie RealBlack™ enabled
- Illumination performance: 20,000 hours to half brightness or 50,000 hours in ECO mode, with virtually maintenance-free operation
- 3D: Supports active and passive 3D with stunning depth and frame rates up to 60 Hz per eye
- Built-in Christie Twist™ warping and blending software
- Compatible with Mystique™ camera-based alignment and Christie Intelligent Camera

#### We thought of everything

- Our most versatile and affordable 4K 1DLP projectors yet
- Remarkably compact and lightweight (38 lbs | 17.25 kg), omnidirectional design paired with an optional ultra-short throw lens offers complete installation flexibility - supporting discreet architectural integration and concealed space-saving placement
- Advanced 0.8" HEP DMD delivers exceptional efficiency, breathtaking contrast, and show-stopping color
- Lenses for every application, leveraging compatibility with most Christie Jazz lenses for added convenience and cost savings
- 21:9 wide aspect ratio support
- TAA-compliant models available
- Backed by a five-year warranty



### Christie Inspire Series | Corporate | Boardrooms | Classrooms | Conference rooms | Museums

#### Model(s)

- 4K860-iS
- DWU960ST-iS
- DWU960-iS
- DWU760-iS



#### Specifications

- Illumination type: Laser phosphor
- Lumens:
  - 4K860-iS: 8,500 ISO / 7,200 ANSI
  - DWU960-iS & DWU960ST-iS: 9,600 ISO / 8,100 ANSI
  - DWU760-iS: 7,150 ISO / 6,000 ANSI
- Resolutions: 4K UHD (3840 x 2160), WUXGA (1920 x 1200)
- Size (L x W x H): 16 x 18.9 x 5.7" (406 X 480 X 157 mm) without feet
- Contrast Ratio: 1,100:1 on/off, 3,000,000:1 with Christie RealBlack™ enabled
- Illumination performance: 20,000 hours to half brightness
- 3D: 4K860-iS supports active and passive 3D, while DWU960-iS and DWU760-iS support full HD 3D content via sync IN and OUT capability
- Built-in Christie Twist warping and blending software
- Compatible with Mystique camera-based alignment and Christie Intelligent Camera

#### We thought of everything

- Designed for 24/7 continuous, virtually maintenance-free operation
- IP5X dust-resistant airtight optical engine ensures long-lasting reliability
- Remarkably compact, lightweight (30.2 lbs | 13.7 kg), and omnidirectional design provides seamless installation in tight spaces
- Whisper-quiet performance
- AMX and Crestron connectivity
- TAA-compliant models available
- Backed by a five-year warranty



## 1DLP (continued)

### Christie Captiva DWU500S | Corporate | Education | Huddle spaces | Museums | Retail

#### Model(s)

- DWU500S



#### Specifications

- Illumination type: Laser phosphor
- Lumens: 5,000 ISO / 4,500 ANSI
- Resolution: WUXGA (1920 x 1200)
- Contrast ratio: 1,800:1 on/off
- Illumination performance: 20,000 hours to half brightness

#### We thought of everything

- Make the most out of your space without sacrificing visual impact
- Deliver large, vivid images from an ultra short distance
- Reliable, easy to use, and affordable
- Compact, light, and whisper-quiet
- 130-150" diagonal screen size
- Multiple orientation options including portrait plus 3D formats
- Instant on/off
- TAA-compliant model available
- Backed by a five-year warranty



### Christie HS Series | Corporate | Entertainment | Live events | Worship

#### Model(s)

- 4K22-HS
- 4K13-HS
- DWU23-HS
- DWU15-HS
- D13WU2-HS



#### Specifications

- Illumination type: Laser phosphor
- Lumens:
  - 4K22-HS: 22,500 ISO / 19,000 ANSI
  - 4K13-HS: 14,800 ISO / 12,500 ANSI
  - DWU23-HS: 23,650 ISO / 21,000 ANSI
  - DWU15-HS: 15,750 ISO / 14,000 ANSI
  - D13WU2-HS: 13,500 ISO / 12,500 ANSI
- Resolutions:
  - 4K22-HS & 4K13-HS: 4K UHD (3840 x 2160), Native WUXGA (1920 x 1200)
  - DWU23-HS, DWU15-HS, & D13WU2-HS: WUXGA (1920 x 1200)
- Contrast ratio: 6,000:1 dynamic contrast, 4,000,000:1 with Christie RealBlack™ enabled for select models
- Illumination performance: Up to 20,000 hours to half brightness
- Christie BoldColor™ and BoldColor+™ on select models for more lifelike color
- Built-in Christie Twist™ warping and blending software
- Compatible with Christie Mystique™ camera-based alignment software and Christie Intelligent Camera

#### We thought of everything

- Offers a powerful, reliable, and cost-effective option for almost any high-use application
- Select models support passive polarized 3D
- Sets benchmarks in brightness, color accuracy, power requirements, and form factor
- Long-life laser light source
- Lens compatibility
- Comprehensive connectivity
- TAA-compliant models available
- Backed by a five-year warranty



## 1DLP (continued)

### Christie GS Series | Corporate | Education | Government | Museums | Worship

#### Model(s)

- DWU880-GS
- DWU1100-GS
- DWU1400-GS



#### Specifications

- Illumination type: Laser phosphor
- Lumens:
  - DWU880-GS: 9,500 ISO / 8,000 ANSI
  - DWU1100-GS: 11,850 ISO / 10,000 ANSI
  - DWU1400-GS: 14,250 ISO / 12,000 ANSI
- Resolution: WUXGA (1920 x 1200)
- Contrast ratio: 6,000:1 dynamic contrast, 4,000,000:1 with Christie RealBlack™ enabled
- Illumination performance: 20,000 hours to half brightness
- Built-in Christie Twist™ warping and blending software
- Compatible with Mystique™ camera-based alignment software and Christie Intelligent Camera

#### We thought of everything

- Delivers dependable 24/7 performance for demanding, high-use environments
- Compact and lightweight
- Wide range of lenses, including the 0.65–0.75:1 short throw zoom lens and a 0.37–0.4:1 ultra short throw lens
- DWU880-GS also available in white
- TAA-compliant models available
- Backed by a five-year warranty



## 3DLP

### Christie M 4K RGB Series | Attractions | Domes | Live events | Museums | Projection mapping | Sports venues | Staging

#### Model(s)

- M 4K15 RGB
- M 4K+15 RGB
- M 4K25 RGB
- M 4K+25 RGB



#### Specifications

- Illumination type: RGB pure laser
- Lumens:
  - M 4K15 / 4K+15 RGB: 15,750 ISO / 14,000 ANSI
  - M 4K25 / 4K+25 RGB: 25,300 ISO / 22,500 ANSI
- Resolutions:
  - M 4K15/4K25 RGB: 4K UHD (3840 x 2160)
  - M 4K+15/4K+25 RGB: 4K UHD+ (3840 x 2400)
- Color performance: Rec. 709, P3 and Rec. 2020 capable
- Contrast ratio: Up to 6,000:1 on/off with optional high-contrast lens
- Frame rate: 4K at 24–60 Hz, 4K at 96–120 Hz with Christie® Mirage option, and HD at up to 480 Hz with Mirage Pro upgrade
- Illumination performance: 25,000 hours to half brightness when operated at 100% brightness
- Electronics: Christie TruLife+™
- Built-in Christie Twist warping and blending software
- Compatible with Mystique automated camera-based alignment software

#### We thought of everything

- Electronic color convergence gives you the ability to select red, green, or blue individually and converge via remote control
- Compatible with legacy M, J, and Crimson Series projector lenses and the legacy M Series rigging frame
- Christie LiteLOC™ technology maintains color balance and brightness over time, regardless of fluctuations in ambient temperature to ensure your content looks as good throughout the projector's lifetime as it did on day one
- Simplified installation and easy maintenance: Omnidirectional operation and fully field-serviceable projector and light source
- M 4K25 / 4K+25 RGB: 200–240 VAC at full-brightness or 100–120 VAC at half-brightness
- M 4K15 / 4K+15 RGB: Full brightness at 100–120 VAC. Also operates at 200–240 VAC
- Energy-efficient for lower cost of ownership:
  - M 4K15/4K+15 RGB: 827 W typical, 2,822 BTU/hr, 19 lm/W
  - M 4K25/4K+25 RGB: 1,540 W typical, 5,250 BTU/hr, 16.4 lm/W
- TAA-compliant models available



## 3DLP (continued)

### Christie Sapphire 4K40-RGBH | Attractions | Large venues | Live events | Projection mapping | Staging | Visualization

#### Model(s)

- Sapphire® 4K40-RGBH



#### Specifications

- Illumination type: RGB pure laser with dual laser phosphor system
- Lumens: 40,950 ISO / 36,400 ANSI
- Resolution: 4K (4096 x 2160)
- Contrast ratio: 4,500:1 on/off with high-contrast lens
- Any 2D application and all active and passive 3D formats
- Frame rate: 4K at 24–60 Hz. 2D up to 120 Hz. 4K and 4K 3D up to 120 Hz (48–60Hz per eye) with Christie® Mirage option, and 2K at up to 480 Hz with Mirage Pro
- Illumination performance when operated at 100% brightness:
  - RGB laser light source: 25,000 hours to half brightness
  - Laser phosphor light source: 20,000 hours to half brightness
- Electronics: Christie TruLife+™
- Built-in Christie Twist™ warping and blending software
- Compatible with Mystique™ automated camera-based alignment software

#### We thought of everything

- With its unique dual illumination source, Sapphire produces a broader spectrum of light to deliver breathtaking P3 color in 2D and 3D, performance no other 3DLP laser phosphor projector can match
- All-screen compatible, enabling optimal viewing for standard gain screens, silver screen 3D, and rear-screen projection surfaces in 2D and passive and active 3D
- Compatible with all Christie 4K 3DLP ILS4 lenses
- Christie LiteLOC™ technology maintains color balance and brightness over time, regardless of fluctuations in ambient temperature to ensure your content looks as good throughout the projector's lifetime as it did on day one
- Simplified installation and easy maintenance: Omnidirectional operation and fully field-serviceable projector and light source
- Optional Infitec® color comb 3D solution outperforms traditional laser phosphor and lamp-based projectors with superior light efficiency and a wider color gamut for a brighter, more immersive and lifelike 3D experience
- TAA-compliant model available



### Christie Griffyn Series | Attractions | Domes | Live events | Museums | Projection mapping | Sports venues | Staging

#### Model(s)

- Griffyn® 4K35-RGB
- Griffyn 4K50-RGB



#### Specifications

- Illumination type: RGB pure laser
- Lumens:
  - 4K35-RGB: 36,500 ISO / 32,500 ANSI
  - 4K50-RGB: 50,000 ISO / 44,500 ANSI
- Resolution: 4K (4096 x 2160)
- Color performance: Rec. 709, P3 and Rec. 2020 capable
- Contrast ratio: 5,000:1 on/off with high-contrast lens
- Frame rate: 4K at 24–60 Hz. 4K at 120 Hz with Mirage option, and 2K at up to 480 Hz with Mirage Pro upgrade
- Illumination performance: 25,000 hours to half brightness when operated at 100% brightness
- Electronics: TruLife+
- Built-in Twist warping and blending software
- Compatible with Mystique automated camera-based alignment software

#### We thought of everything

- Electronic color convergence: Individually adjusts red, green, or blue for picture-perfect color alignment
- Compatible with all Christie 4K 3DLP ILS4 lenses
- LiteLOC™ technology maintains color balance and brightness over time, regardless of fluctuations in ambient temperature to ensure your content looks as good throughout the projector's lifetime as it did on day one.
- Simplified installation and easy maintenance: omnidirectional operation and fully field-serviceable projector and light source
- Compact design: 4K50-RGB is the smallest, lightest projector in its class (197 lbs / 89.3 kg)
- Energy-efficient for lower cost of ownership: 200–240 VAC single-phase power:
  - 4K35-RGB: 1,800 W typical, 6,140 BTU/hr, 20.3 lm/W
  - 4K50-RGB: 2,800 W typical, 9,550 BTU/hr, 17.9 lm/W
- TAA-compliant models available



## Fiber solutions

Christie Link | Live events | Rental and staging | Projection mapping | Attractions | Sports venues

### Model(s)

- Christie® Link transmitter



### Specifications

- Input:
  - 2 x DisplayPort 1.2: Supports HDCP 1.4
  - 2 x HDMI 2.0: Supports both HDCP 1.4 and HDCP 2.2
- Configurations: 1-port, 2-port, dual-input 3D
- Output: Single- or multi-mode fiber types
- Designed to work with any QSFP+ module, Christie Link can use the following optical fibers\*:
  - Single-mode: 1310nm, or
  - Multi-mode: 850nm fibers, usually referred to as OM3 or OM4
- Compatible with all Christie 3DLP projectors

\*Note: We don't carry fiber cables

### We thought of everything

- A fully integrated high-bandwidth fiber optic transmitter solution for long-range video transport
- Sends up to 4K 120 Hz signals over long distances (up to 6.2 miles/10 km) directly into your projector on a single-fiber cable with no latency or compression
- Manages EDIDs throughout the entire system to help ensure reliable performance
- Onboard fiber input for direct point-to-point fiber connections support high-quality 4K
- Onboard receiver with direct projector input simplifies installation — no need to install and power a remote receiver near the projector to run video cables
- Network each transmitter to configure and monitor system status without physically reaching the device
- Use multiple links to create blended, stacked, or tiled applications



## Warping and blending software

Christie Twist | Attractions | Corporate | Education | Hospitality | Live events | Museums | Projection mapping

### Model(s)

- Twist™
- Twist Premium
- Twist Pro



### Specifications

- Christie Twist software is a free download. Easily upgrade to Twist Premium or Pro for more complex projects
- Works with all Christie 3DLP projectors, and Inspire Series, Korus Series, DWU880-GS, DWU1100-GS, DWU1400-GS, Jazz Series, and HS Series 1DLP projectors
- Number of arrayed projectors: Twist – 6; Premium – 16; Pro – unlimited
- Number of control points:
  - Twist: up to 81 grid points
  - Twist Premium: up to 87 grid points, including 6 arbitrary
  - Twist Pro: up to 1,500 arbitrary or grid points
- Brightness uniformity: Premium and Pro versions
- Auto blending on flat or slightly curved screens (Wallpaper): Premium and Pro versions
- Auto blending on complex curved screens (Field of View): Pro version only
- Arbitrary point placement: Twist – no; Premium – 6; Pro – unlimited



### We thought of everything

- Warping and blending software you can use to manage multi-projector arrays to display virtually any image on any 2D or 3D surface
- The Twist product family includes three tiers to cover a range of project complexity – from simple flat screen multi-projector warps and blends to highly multifaceted applications
- Easily map pixels onto any projection surface
- Maintain proper geometry and accurate pixel-to-pixel alignment through an easy-to-use grid point/mesh interface
- Accommodates projector stacking
- TAA-compliant





## Warping and blending software (continued)

### Christie Mystique Lite | Corporate | Education | Hospitality | Museums | Small live events | Places of Worship

<p>Model(s)</p> <ul style="list-style-type: none"> <li>• Mystique™ Lite</li> </ul>		<p>Specifications</p> <ul style="list-style-type: none"> <li>• Available as a free download</li> <li>• Supported projectors: Christie® Inspire Series, Korus Series, DWU880-GS, DWU1100-GS, DWU1400-GS, Jazz Series, HS Series, Boxer® 4K30, Crimson Series, M 4K RGB Series, Griffyn® Series, Sapphire® 4K40-RGBH, 4K40-RGB Series, Mirage 304K</li> <li>• Supports flat screens/surfaces only</li> <li>• Supported webcams (purchased from a third-party): Logitech 920 and Logitech 920s</li> <li>• Compatible with Christie Intelligent Camera</li> <li>• User interface: Microsoft Windows application with step-by-step process and real-time camera feedback</li> </ul>	<p>We thought of everything</p> <ul style="list-style-type: none"> <li>• Automated camera-based alignment software for simple set-ups</li> <li>• Blend up to three supported Christie projectors in a single horizontal projector array on a flat surface or screen with the click of a button</li> <li>• Auto detects your webcam and projectors on the same network — just mark the corners of your screen and you're ready to go</li> <li>• Easily upgrade to other tiers of the Mystique family for larger arrays or more complex surfaces</li> <li>• TAA-compliant</li> </ul>	
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### Christie Mystique | Attractions | Corporate | Education | Hospitality | Live events | Museums | Projection mapping

<p>Model(s)</p> <ul style="list-style-type: none"> <li>• Essentials</li> <li>• Pro Venue</li> <li>• Premium</li> <li>• Large Scale Experience</li> </ul>		<p>Specifications</p> <ul style="list-style-type: none"> <li>• Supported projectors: Christie Inspire Series, Korus Series, DWU880-GS, DWU1100-GS, DWU1400-GS, Jazz Series, HS Series, Boxer 4K30, Crimson Series, M 4K RGB Series, Griffyn Series, Sapphire 4K40-RGBH, 4K40-RGB Series, Mirage 304K</li> <li>• Available in single- and multi-camera packages customized to your application and screen</li> <li>• Choice of short, mid- and long-throw camera and lens options for maximum flexibility</li> <li>• Includes Mystique Operate browser-based interface to quickly re-align any projection scene that Mystique manages. Also provides developers with a robust set of Rest API commands</li> </ul>	<p>We thought of everything</p> <ul style="list-style-type: none"> <li>• Automated camera-based alignment and recalibration solution that lets you quickly install, align, stack, calibrate, and maintain multi-projection systems</li> <li>• Range of editions to support a wide variety of budgets, any screen type, and any number of projectors</li> <li>• Pro Venue Edition offers alignment for surfaces with fixed markings, supporting projection on sports playing surfaces or stages</li> <li>• Large Scale Experience Edition supports 3D projection mapping</li> <li>• Available with Essentials and Pro Venue Editions: Automated color and brightness uniformity and background compensation</li> <li>• Optional feature of Essentials and Pro Venue Editions: Christie Guardian for automatic detection and invisible, real-time correction of blended images</li> <li>• TAA-compliant</li> </ul>	
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# Projector management software

Christie Conductor | Live events | Rental and staging | Projection mapping | Attractions | Sports venues | Hospitality

## Model(s)

- Conductor



## Specifications

- Available to download at no cost
- Monitors and controls up to 256 Christie® 3DLP projectors on the same network
- Supported projectors: Boxer® 4K30, Crimson Series, M 4K RGB Series, Griffyn® Series, Sapphire® 4K40-RGBH, 4K40-RGB Series, Mirage 304K
- Health check and monitoring via list and status map
- Sort and filter functionality to view projector power, health, or shutter status
- Demo mode for training
- User interface: Microsoft Windows application

## We thought of everything

- Advanced monitoring and control software solution
- Diagnose and resolve issues in real-time, even during a show
- Instantly see exactly which projectors require attention with the user-friendly interface
- Automatically power-up and power-down projectors
- Remotely access interrogator logs
- One-click execution of repetitive processes can save hours of manual work
- Proactively perform remote firmware updates of many projectors at once — in minutes instead of hours
- View the Web UI for any projector from one central laptop
- TAA-compliant



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For the most current specification information, please visit [christiedigital.com](http://christiedigital.com)

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