# Projection solutions and tools

## Christie Captiva Series

<table>
<thead>
<tr>
<th>Model(s)</th>
<th>Specifications</th>
<th>We thought of everything</th>
<th>QR code</th>
</tr>
</thead>
</table>
| DWUS500S | - Illumination type: Laser phosphor  
- Lumens: 4,500 ANSI / 5,000 ISO  
- Resolution: WUXGA (1920 x 1200)  
- Contrast ratio: 1,800:1  
- Illumination performance: 20,000 hours to half-brightness | - Reliable, easy to use, and economical  
- Compact, light, and quiet  
- One of the shortest throw distances, to maximize your space without sacrificing visual impact  
- 130-150" diagonal screen size  
- Multiple orientation options including portrait plus 3D formats  
- Instant on/off | ![QR code](qr_code_captiva) |

## Christie Inspire Series

<table>
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</tr>
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</table>
- Lumen range: 6,000 ANSI / 7,150 ISO - 8,100 ANSI / 9,600 ISO  
- Resolution: WUXGA (1920 x 1200)  
- Contrast ratio: 3,000,000:1 with Christie RealBlack enabled  
- Illumination performance: 20,000 hours to half-brightness  
- Integrated Christie Twist warping and blending software | - Full-featured 1DLP projector with fixed, motorized zoom lens and an IP5X dust-resistant optical engine  
- 20,000 hours of reliable, virtually maintenance-free 24/7 operation  
- Omnidirectional  
- Eco Mode reduces brightness to 50%, extends lifetime, and results in quieter operation  
- AMX and Crestron connectivity  
- Select models are TAA-compliant | ![QR code](qr_code_inspire) |
### Christie GS Series | Conferences | Corporate | Education | Government | Museums | Worship

**Model(s)**
- DWU630-GS
- DWU880-GS
- DWU1100-GS

**Specifications**
- Illumination type: Laser phosphor
- Lumens range: 6,000 ANSI / 6,750 ISO - 9500 ANSI / 10,875 ISO
- Resolution: HD, WUXGA
- Contrast ratio: 3,000,000:1 with Christie® RealBlack™ technology enabled
- Illumination performance: 20,000 hours to half-brightness
- Integrated Christie Twist™ warping and blending software
- Compatible with Christie Mystique™ automated camera-based warping and blending alignment software

**We thought of everything**
- High-brightness, brilliant color and premium image quality
- Compact and light
- Wide range of lenses, including the new 0.65-0.75:1 Short Throw zoom lens
- Whisper-quiet 34dBA noise rating
- 24/7 operation
- TAA-compliant

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

**Model(s)**
- D13HD2-HS
- D13WU2-HS
- D16WU-HS
- D20HD-HS
- D20WU-HS
- 4K7-HS
- 4K10-HS

**Specifications**
- Illumination type: Laser phosphor
- Lumen range: 11,500 ANSI / 13,000 ISO - 18,500 ANSI / 20,600 ISO
- Resolutions: HD, WUXGA, 4K UHD
- Contrast ratio range: 750,000:1 - 2,000,000:1 with Christie® RealBlack™ enabled
- Illumination performance: Up to 20,000 hours to half-brightness
- Christie BoldColor™ for more lifelike color
- Integrated Christie Twist™ warping and blending software

**We thought of everything**
- One of our highest-performing 1DLP® projectors
- Offers a powerful, reliable, and cost-effective option for almost any high-use application
- Sets benchmarks in brightness, color accuracy, power requirements, and form factor
- Long-life laser light source
- Lens compatibility
- Comprehensive connectivity
- Select models are TAA-compliant
### Christie Boxer Series

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</table>
| Boxer 4K30     | • Illumination type: 6 x 450W NSH Mercury lamps  
• Lumens: 29,000 ANSI / 32,500 ISO  
• Resolution: Native 4K (4096 x 2160)  
• Contrast ratio: 2,000:1  
• Frame rate: 4K content at 24-60Hz  
• Illumination performance: 1,500 hours of lamp-life to 70% brightness  
• Electronics: Christie® TruLife™  
• Optional Terra® SDVoE input card  
• Integrated Twist™ warping and blending software | • Six lamps provide redundant light source  
• Single-phase power reduces set-up cost and complexity  
• Omnidirectional for installation flexibility  
• Full range of connectivity | ![QR code](https://example.com/qr-code-boxer) |

### Christie Mirage 304K

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</table>
| Mirage 304K    | • Illumination type: 6 x 450W NSH Mercury lamps  
• Lumens: 29,000 ANSI  
• Resolution: 4K (4096 x 2160)  
• Contrast ratio: 2,000:1  
• Frame rate: 4K content at 24-60Hz  
• Illumination performance: 1,500 hours of lamp-life to 70% brightness  
• Electronics: Christie® TruLife™  
• Integrated Twist™ warping and blending software | • Mercury lamps for more than double the life of Xenon illumination  
• Omnidirectional and lightweight for increased design and installation flexibility  
• Preview screen for at-a-glance status updates  
• Integrated near field communication (NFC) for lamp info tracking | ![QR code](https://example.com/qr-code-mirage) |

### Christie Crimson Series

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</thead>
</table>
| Crimson HD31   | • Illumination type: Laser phosphor  
• Lumens: 28,000 ANSI / 31,500 ISO  
• Resolutions: HD (1920 x 1080), WUXGA (1920 x 1200)  
• Contrast ratio range: 1,800:1 - 2,000:1  
• Frame rate: 24-60Hz  
• Illumination performance: 20,000 hours to 50% brightness  
• Electronics: Christie TruLife  
• Christie BoldColor technology for lifelike color  
• Integrated Twist warping and blending software | • High-brightness, high-performance 3DLP® laser projector  
• Long-life laser light source: Up to 20,000 hours of virtually maintenance-free operation  
• Compact, lightweight, and rugged design  
• Fully omnidirectional  
• Select models are TAA-compliant | ![QR code](https://example.com/qr-code-crimson) |
### Christie Griffyn Series

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</tr>
</thead>
<tbody>
<tr>
<td>Griffyn® 4K32-RGB</td>
<td>• Illumination type: RGB pure laser</td>
<td>• Electronic color convergence (ECC) gives you the ability to select red, green, or blue individually and</td>
<td></td>
</tr>
<tr>
<td>Griffyn® 4K50-RGB</td>
<td>• 4K32-RGB lumens: 30,000 ANSI / 34,000 ISO</td>
<td>converge via remote control</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 4K50-RGB lumens: 46,000 ANSI / 50,000 ISO</td>
<td>• The intelligent lens system (ILS1) is compatible with legacy M, J, and Crimson Series projector lenses.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Resolution: 4K UHD (3840 x 2160)</td>
<td>• Our proprietary LiteLOC™ technology automatically manages your brightness over time in higher ambient</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Contrast ratio: 5,000:1 On/Off with high-contrast</td>
<td>temperatures and more humid environments to ensure your presentation is the same as day-one.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>lens</td>
<td>• Operates on 220 VAC at full-brightness or 110 VAC at half-brightness, more than doubling the lifetime of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Frame rate: 4K at 24-60Hz. 4K at 96-120Hz with</td>
<td>the laser optical system (LOS).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mirage option, and HD at up to 480Hz with Mirage</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pro upgrade</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Illumination performance: 25,000 hours at 50%</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>brightness</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>• Electronics: Christie® TruLife+™</td>
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<td></td>
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<tr>
<td></td>
<td>• Built-in Terra® SDVoE connectivity</td>
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<td></td>
<td>• Integrated Twist™ warping and blending software</td>
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</tbody>
</table>
### Christie M 4K Series

<table>
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<tr>
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<th>We thought of everything</th>
<th>QR code</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 4K25 RGB</td>
<td>• Illumination type: RGB pure laser</td>
<td>• Electronic color convergence (ECC) gives you the ability to select red, green, or blue individually and</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Lumens: 22,500 ANSI / 25,000 ISO</td>
<td>converge via remote control</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Resolution: 4K UHD (3840 x 2160)</td>
<td>• The intelligent lens system (ILS1) is compatible with legacy M, J, and Crimson Series projector lenses.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Contrast ratio: 7,000:1 On/Off with optional</td>
<td>• Our proprietary LiteLOC™ technology automatically manages your brightness over time in higher ambient</td>
<td></td>
</tr>
<tr>
<td></td>
<td>high-contrast lens</td>
<td>temperatures and more humid environments to ensure your presentation is the same as day-one.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Frame rate: 4K at 24-60Hz. 4K at 96-120Hz with</td>
<td>• Operates on 220 VAC at full-brightness or 110 VAC at half-brightness, more than doubling the lifetime of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mirage option, and HD at up to 480Hz with Mirage</td>
<td>the laser optical system (LOS).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pro upgrade</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Illumination performance: 50,000 hours at 50%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>brightness</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Electronics: Christie® TruLife+™</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Built-in Terra® SDVoE connectivity</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Integrated Twist™ warping and blending software</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Christie D4K40-RGB | Attractions | Domes | Giant screens | Live events | Planetariums | Projection mapping

<table>
<thead>
<tr>
<th>Model(s)</th>
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<th>We thought of everything</th>
<th>QR code</th>
</tr>
</thead>
</table>
| • D4K40-RGB | • Illumination type: RGB pure laser  
• Lumens: 40,000 ANSI / 45,000 ISO  
• Resolution: 4K (4096 x 2160)  
• Contrast ratio: 5,000:1 On/Off (with high-contrast lens)  
• Frame rate: 4K content at 24-60Hz. Upgrade to Mirage 4K40-RGB for higher frame rates  
• Illumination performance: 25,000 hours to half-brightness  
• Electronics: Christie TruLife  
• Terra SDVoE input card  
• Integrated Twist warping and blending software | • High-performance, RGB pure laser projector with an all-in-one, compact design - no external chillers or remote laser racks  
• Omnidirectional  
• High-contrast  
• Expanded color gamut – Produces >95% of Rec. 2020 color  
• More than double the color capacity of Rec. 709 projectors  
• Compatible with most Christie 4K lenses | ![QR code](qr-code) |

### Christie Mirage 4K40-RGB | Attractions | Domes | Museums | Planetariums | Projection mapping | Visualization

<table>
<thead>
<tr>
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</tr>
</thead>
</table>
| • Mirage 4K40-RGB | • Illumination type: RGB pure laser  
• Lumens: 40,000 ANSI / 45,000 ISO  
• Resolution: 4K (4096 x 2160)  
• Contrast ratio: 5,000:1  
• Frame rate: 4K content at 120Hz, and 2K at up to 480Hz with Mirage Pro upgrade  
• Illumination performance: 25,000 hours to 50% brightness  
• Electronics Christie TruLife  
• Built-in Terra SDVoE connectivity  
• Integrated Twist warping and blending software | • All-in-one, compact design – No external chillers or laser racks and a manageable weight (285lbs/130kg)  
• Omnidirectional - For unlimited installation flexibility  
• Reliable, stable light source  
• High-contrast - For amazing depth of detail  
• Expanded color gamut – Produces >95% of Rec. 2020 color for rich, vibrant visuals  
• Energy-efficient – Consumes less power than any other 40,000 lumen RGB pure laser projector with 220V single-phase operation | ![QR code](qr-code) |
### Model(s)
- Eclipse

### Specifications
- **Illumination type**: RGB pure laser
- **Architecture**: Fiber-coupled projection system comprising projection head, laser unit and chiller
- **Lumens**: 9,000 lumens ANSI (configurable 2,000 to 9,000 lumens), 17,000 lumens ANSI, 25,000 lumens ANSI
- **Resolution**: 4K (4096 x 2160)
- **Contrast ratio** of 9,000 and 17,000 lumens models: 20,000,000:1 (sequential)
- **Contrast ratio** of 25,000 lumens model: 10,000,000:1 (sequential)
- **Frame rate**: 24-120Hz
- **Christie TruLife electronics**
- **Illumination performance**: 30,000 hours to 80% brightness
- **Integrated Twist warping and blending software**

### We thought of everything
- Produces True HDR, 4K imagery on-screen, at both high and low brightness levels
- Unparalleled contrast ratio results in stunning imagery with incredible detail in extreme black and white ranges
- Makes ‘video black’ a thing of the past - displays true blacks without any residual light
- Eliminates the need for black-level blending adjustments and masking in multi-projector arrays
- Expanded color gamut - Approaches the full Rec. 2020 and Rec. 2100 color spaces
- Choose the brightness to suit your environment

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

<table>
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<th>We thought of everything</th>
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</tr>
</thead>
<tbody>
<tr>
<td>• Twist™</td>
<td>• Christie® Twist software is free download. Easily upgrade to Twist Premium or Pro for more complex projects</td>
<td>• Warping and blending software you can use to manage multi-projector arrays to display virtually any image on any 2D or 3D surface</td>
<td>![QR code]</td>
</tr>
<tr>
<td>• Twist Premium</td>
<td>• Works with all Christie 3DLP® and 6DLP projectors, and Inspire Series and HS Series 1DLP® projectors</td>
<td>• The Twist product family includes 3 tiers to cover a range of project complexity – from simple flat screen multi-projector warps and blends to highly multifaceted applications</td>
<td></td>
</tr>
<tr>
<td>• Twist Pro</td>
<td>• Number of arrayed projectors: Twist – 6; Premium – 16; Pro - unlimited</td>
<td>• Easily map pixels onto any projection surface</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Number of control points: Twist - 81 grid points, Premium - 87 grid points/including 6 arbitrary, Pro - 1500 arbitrary or grid points</td>
<td>• Maintain proper geometry and accurate pixel-to-pixel alignment through an easy-to-use grid point/mesh interface</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Brightness uniformity: Premium and Pro versions</td>
<td>• Accommodates projector stacking</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Auto blending on flat or slightly curved screens (Wallpaper): Premium and Pro versions</td>
<td>• TAA-compliant</td>
<td></td>
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<tr>
<td></td>
<td>• Auto blending on complex curved screens (Field of View): Pro version only</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>• Arbitrary point placement: Twist – no; Premium – 6; Pro – unlimited</td>
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<td></td>
<td>• Warping and blending software you can use to manage multi-projector arrays to display virtually any image on any 2D or 3D surface</td>
<td>• The Twist product family includes 3 tiers to cover a range of project complexity – from simple flat screen multi-projector warps and blends to highly multifaceted applications</td>
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<td>• Works with all Christie 3DLP® and 6DLP projectors, and Inspire Series and HS Series 1DLP® projectors</td>
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<td>• Warping and blending software you can use to manage multi-projector arrays to display virtually any image on any 2D or 3D surface</td>
<td>• The Twist product family includes 3 tiers to cover a range of project complexity – from simple flat screen multi-projector warps and blends to highly multifaceted applications</td>
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## Christie Mystique

**Model(s)**
- Essentials
- Pro Venue
- Premium
- Large Scale Experience

**Specifications**
- Supported projectors: Christie® Inspire Series, DWU880-GS and DWU1100-GS models, HS Series, Boxer® 4K30, Crimson Series, M 4K25 RGB, Griffyn® Series, D4K40-RGB, Mirage 304K / 4K40-RGB, and Eclipse
- Integrates directly with Christie Pandoras Box® Version 6 and higher, enabling automated camera-based alignment and calibration for large-scale projections, regardless of the projector you use
- Available in single- and multi-camera packages customized to your application and screen
- Choice of short, mid- and long-throw camera and lens options for maximum flexibility
- Includes Mystique™ Operate user-friendly, browser-based interface to quickly re-align any projection scene that Mystique manages. Also provides developers with a robust set of Rest API commands

**We thought of everything**
- Automated camera-based alignment and recalibration solution that lets you quickly install, align, stack, calibrate, and maintain multi-projection systems
- Range of editions to support a wide variety of budgets, any screen type, and any number of projectors
- Pro Venue Edition offers alignment for surfaces with fixed markings, supporting projection on sports playing surfaces or stages
- Large Scale Experience Edition supports 3D projection mapping
- Available with Essentials and Pro Venue Editions: Automated color and brightness uniformity and background compensation
- Optional feature of Essentials and Pro Venue Editions: Christie Guardian for automatic detection and invisible, real-time correction of blended images
- TAA-compliant

## Christie Guardian

**Model(s)**
- Guardian

**Specifications**
- An optional feature of Mystique - Essentials and Pro Venue Editions
- Supported by these Christie projectors: Boxer 4K20, Boxer 4K30, Crimson Series, M 4K25 RGB, Griffyn® Series, D4K40-RGB, Mirage 304K / 4K40-RGB
- Supports flat and cylindrical (curved) screens that a single camera can see

**We thought of everything**
- Automatic detection and invisible correction of blended images
- Constantly monitors a blended projection system for any image misalignment
- If a misalignment is detected, Guardian automatically calibrates the image in real-time—quickly, invisibly, and without interruption—even while content is playing
- Eliminates the need for visible, structured light patterns, so audiences are unaware of any issue
- TAA-compliant
## Christie Conductor

### 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 4K25 RGB, Griffyn® Series, D4K40-RGB, Mirage 304K / 4K40-RGB and Eclipse
- 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
- View the Web UI for any projector from one central laptop
- TAA-compliant

### Fiber solutions

## Christie Link Transmitter

### Model(s)
- Transmitter

### Specifications
- Input – 4K and HD via HDMI 2.0 / 2 x DisplayPort 1.2 inputs – supports HDCP 1.4 / 2 x HDMI 2.0 inputs – supports both HDCP 1.4 and HDCP 2.2
- Output – Single- or multi-mode fiber types
- Designed to work with any QSFP+ module
- Use either single-mode - 1310nm or multi-mode - 850nm fibers, usually referred to as OM3 or OM4*
- Configurations: 1-port, 2-port, dual-input 3D
- Supported projectors: Boxer 4K30, Crimson Series, D4K40-RGB, Mirage 304K

*Note: Christie doesn’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 120Hz signals over long distances (up to 6.2 miles/10km) 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

### QR code