# CHRISTIE
## HS SERIES D13WU2-HS / D13HD2-HS

Enterprise venues and boardrooms | Entertainment venues | Fixed installation | Houses of worship
Hotels | Live events and conferences | Rental and staging | Trade shows and exhibitions

## Brilliant colors at a brilliant price

When color accuracy and affordability are key, choose the Christie® D13WU2-HS or D13HD2-HS 1DLP® laser projector. With 13,000 lumens, HD or WUXGA resolution and our patented Christie BoldColor™ Technology, visuals are vibrant and more true-to-life than standard laser phosphor projectors.

With built-in Christie Twist™ warping and blending, the HS Series is quick and easy to set up, on their own or as part of a multi-projector array. And with the option to add Christie Mystique® automated camera-based alignment software, you can align and recalibrate multi-projection systems in minutes.

With a compact and lightweight form factor, omnidirectional capabilities, and optional rigging frame, the D13WU2-HS and D13HD2-HS are perfect options for challenging installations.

**CHRISTIE®**

## Technical specifications

| | | Christie D13WU2-HS | Christie D13HD2-HS |
|---|---|---|---|
| **Image** | brightness (lumens) | • 13,500 ISO • 12,500 Center • 12,000 ANSI | • 13,000 ISO • 12,000 Center • 11,500 ANSI |
| | color wheel | • 4 segment (RGBY) – 2X or 3X speed | |
| | contrast | • Full on/off (Christie RealBlack™ enabled): 750,000:1 • Dynamic contrast: 7500:1 (WU), 6500:1 (HD) <br> • Full on/off (Christie RealBlack disabled): 1200:1 • 250:1 ANSI | |
| **Display technology** | type | • 1 x 0.96" DMD | • 1 x 0.95" DMD |
| | native resolution | • 1920 x 1200 (2,304,000 pixels) 16:10 | • 1920 x 1080 (2,073,600 pixels) 16:9 |
| **Illumination** | type | • Laser phosphor with Christie BoldColor™ Technology | |
| | typical performance | • 20,000 hrs to 50% brightness | |
| **Signal inputs** | standard | • HDMI x 2 (one on rear panel, one on bottom of projector, independently selectable) • 3GSDI x 1 (BNC) <br> • DVI-D x 1 (digital only) • HD15 x 1 • HDBaseT (RJ45 x 1) • USB x 1 (Type A) <br> • Wi-Fi® dongle (optional) • RJ45 x 1 | |
| | signals | • HDTV formats VGA through to WUXGA (1920 x 1200) <br> • Horizontal and vertical scaling while maintaining aspect ratio, all inputs | |
| | 3D | • HDMI 1.4, HDBaseT – frame packed, top/bottom, side-by-side (up to 120Hz output) <br> • 3D sync in (BNC) – for genlocking projectors <br> • 3D sync out (BNC) – for genlocking projectors, or controlling emitter or polarizer | |
| | pixel clock | • 162 MHz | |
| | scan rates | • Horizontal: 15kHz to 91kHz <br> • Vertical: 24Hz to 85Hz | |
| **Signal outputs** | | • 3GSDI x 1 (BNC) <br> • DVI-D x 1 (digital only) | |
| **Control and networking** | | • RS-232 in • Control via HDBaseT • Ethernet (100BaseT) RJ45 connectivity <br> • Built-in backlit keypad • Wired remote control (3.5mm stereo) • Loop out available for daisy chaining | |
| **Warping and blending** | standard | • Christie Twist™ | |
| | optional | • Christie Twist Premium and Twist Pro <br> • Christie Mystique® automated camera-based alignment | |
| **Lenses** | mount type | • Boresight adjustable <br> • Motorized horizontal and vertical lens offset (memory available) <br> • Motorized zoom and focus adjustment (memory available for full ILS lenses) | |
| | lens options | • 0.38.1 UST lens • 0.84-1.02:1 zoom lens (no zoom/focus memory) • 1.02-1.36:1 zoom lens (no zoom/focus memory) <br> • 1.2-1.5:1 zoom lens (full ILS) • 1.5-2.0:1 zoom lens (full ILS) • 2.0-4.0:1 zoom lens (full ILS) • 4.0-7.0:1 zoom lens (full ILS) | |
| | offsets for full ILS lenses | • ±120% Vertical (±720 pixels) <br> • ±50% Horizontal (±480 pixels) | • ±133% Vertical (±720 pixels) <br> • ±50% Horizontal (±480 pixels) |
| | offsets for 0.84-1.02:1 | • +37/-60% Vertical (+222/-363 pixels) <br> • +15/-44% Horizontal (+152/-426 pixels) | • +110/-86% Vertical (+596/-466 pixels) <br> • +34/-39% Horizontal (+330/-376 pixels) |
| | offsets for 1.02-1.36:1 | • +51/-53% Vertical (+307/-318 pixels) <br> • +11/-50% Horizontal (+107/-480 pixels) | • +125/-98% Vertical (+676/-534 pixels) <br> • +42/-47% Horizontal (+408/-457 pixels) |
| **Accessories** | standard | • IR remote w/wired remote jack (wire not included) • AC line cord for projector head • User manual | |
| | optional | • Christie One Rigging Frame • Lens adapter for E Series lenses <br> • Christie HS Series fog filter refills (1 set) <br> • Christie HS Series fog filter covers and filters (order once per projector then only filter refills) <br> • Christie One Mount Plus • One Mount Extender Rod • Replacement remote control <br> • One Mount Rigging Kit (used with One Mount, One Mount Plus and/or One Mount Extender Rod) | |
| **Power requirements** | operating voltage | • Normal: 100-120 VAC/200-240 VAC; 60/50Hz | |
| | power consumption | • Normal mode: 1050W ±15% (200 VAC), 1050W ±15% (100 VAC) <br> • ECO1 mode: 900W ±15% (220 VAC), 900W ±15% (100 VAC) <br> • ECO2 mode: 600W ±15% (220 VAC), 600W ±15% (100 VAC) | |
| | operating current | • Normal mode: 7A (200-240 VAC), 14A (100-120 VAC) | |
| | dissipation | • Normal mode: 3583 BTU/hr <br> • ECO1 mode: 3071 BTU/hr <br> • ECO2 mode: 2047 BTU/hr | |
| **Audible noise** | | • Typical: 39dBA • Eco mode: 37dBA | |
| **Physical** | size | • (L xWxH) 26.65 x 23.46 x 7.99" (677 x 596 x 203mm) w/o feet | |
| | shipping size | • (L xWxH) 36.4 x 33.3 x 20.2" (925 x 845 x 515mm) | |
| | weight (w/o lens) | • 93.7lbs (42.5kg) | |
| | shipping weight | • 127lbs (57.5kg) | |
| **Operating environment** | temperature | • 32-104°F (0-40°C) | |
| | humidity | • 0-85% non-condensing | |
| **Regulatory** | | • Contact Christie for the timing of certifications: UL/CSA/IEC 60950-1, FCC Class A, CE, FDA, CCC, KC, PSE, CU, SABS, BIS, VCCI, RCM, Ukr, TER, SASO <br> • This product conforms to all relevant European directives, standards, safety, health and environmental concerns <br> • RoHS, REACH, WEEE | |
| **Warranty** | | • Three years parts and labor on the projector <br> • Three years or 15,000 hours parts and labor on the illumination system[1] <br> • Contact an authorized Christie representative for full details of our limited warranty | |

[1] Please reference Christie Standard Limited Warranty document for details.

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

DLP® TEXAS INSTRUMENTS

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