

# Christie HS Series

## D13WU-HS / D13HD-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® D13WU-HS or D13HD-HS 1DLP® laser projector. Producing 13,000 lumens, HD or WUXGA resolution and featuring patented Christie BoldColor Technology, visuals are vibrant and true-to-life when compared to standard laser phosphor projectors.

With built-in camera-based warping and blending, these projectors are easy to set up, whether on their own or as part a multi-projector array. Their compact and lightweight form factor, omnidirectional capabilities and optional rigging frame make the D13WU-HS and D13HD-HS perfect options for challenging installation spaces.

**CHRISTIE®**

		Christie D13WU-HS	Christie D13HD-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) • 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 lifetime	• 20,000 hrs	
Signal inputs	standard	• HDMI x 2 (one on rear panel, one on bottom of projector, independently selectable) • 3GSDI x 1 (BNC) • DVI-D x 1 (digital only) • HD15 x 1 • USB x 1 (Type B mini) • Display over USB • HDBaseT (RJ45 x 1) • USB x 1 (Type A) • Image Viewer or Wi-Fi® dongle (optional) • RJ45 x 1 (Christie Presenter over wired network connection)	
	signals	• HDTV formats VGA through to WUXGA (1920 x 1200) • 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) • 3D sync in (BNC) - for genlocking projectors • 3D sync out (BNC) - for genlocking projectors, or controlling emitters	
	scan rates	• Horizontal: 15kHz to 91kHz • Vertical: 24Hz to 85Hz	
Signal outputs	• 3GSDI x 1 (BNC) • DVI-D x 1 (digital only)		
Control and networking	• RS-232 in • Control via HDBaseT • Ethernet (100BaseT) RJ45 with ChristieNET™ connectivity • Built-in backlit keypad • Wired remote control (3.5mm stereo) • Loop out available for daisy chaining		
Lenses	mount type	• Boresight adjustable • Motorized horizontal and vertical lens offset (memory available) • Motorized zoom and focus adjustment (memory available for full ILS lenses)	
	lens options	• 0.84-1.02:1 zoom lens (no zoom/focus memory) • 1.02-1.36:1 zoom lens (no zoom/focus memory) • 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) • ±50% Horizontal (±480 pixels)	• ±133% Vertical (±720 pixels) • ±50% Horizontal (±480 pixels)
	offsets for 0.84-1.02:1	• +37/-60% Vertical (+222/-363 pixels) • +15/-44% Horizontal (+152/-426 pixels)	• +110/-86% Vertical (+596/-466 pixels) • +34/-39% Horizontal (+330/-376 pixels)
	offsets for 1.02-1.36:1	• +51/-53% Vertical (+307/-318 pixels) • +11/-50% Horizontal (+107/-480 pixels)	• +125/-98% Vertical (+676/-534 pixels) • +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 • 1DWUSB-BGN (wireless dongle for video and control) • Christie HS Series fog filter refills (1 set) • Christie HS Series fog filter covers and filters (order once per projector then only filter refills) • Christie One Mount Plus • One Mount Extender Rod • Replacement remote control • 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: 1220W ±15% (200 VAC), 1300W ±15% (100 VAC) • ECO1 mode: 1000W ±15% (220 VAC), 1050W ±15% (100 VAC) • ECO2 mode: 660W ±15% (220 VAC), 700W ±15% (100 VAC)	
	operating current	• Normal mode: 7A (200-240 VAC), 14A (100-120 VAC)	
	dissipation	• Normal mode: 4435 BTU/hr • ECO1 mode: 3580 BTU/hr • ECO2 mode: 2390 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 • This product conforms to all relevant European directives, standards, safety, health and environmental concerns • RoHS, REACH, WEEE		
Warranty	• Three years parts and labor on the projector • Three years or 15,000 hours parts and labor on the illumination system <sup>1</sup> • Contact an authorized Christie representative for full details of our limited warranty		

<sup>1</sup>Please reference Christie Standard Limited Warranty document for details.

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Printed in Canada on recycled paper. 4693 May 18

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