

# Christie HS Series

Corporate  
Higher education  
Hotels

Houses of worship  
Public spaces  
Rental staging



## Bold and bright like never before

Achieve high-precision images and unparalleled color reproduction with super-quiet operation for your presentations and displays. Christie® HS Series offers the brightest 1DLP® laser phosphor projectors with Christie BoldColor Technology, boasting up to 13,500 lumens in WUXGA and HD resolutions. Backed by industry-leading warranties and service, you can be confident in your investment.

### Performance that removes boundaries

Take on big projects, including projection mapping or multi-array projection, using camera-based warping and blending. Handling and installation are also easier with this lightweight, compact design and loop-through capability. Ultra-quiet operation allows Christie HS Series to be incorporated into noise-sensitive environments without adding audible distractions.

### Laser phosphor makes a discernible difference

When you're looking for powerful, long-life projection, a broader color gamut and a superior image, Christie HS Series delivers 24/7 with solid-state illumination. Taking color performance and image quality to the next level, Christie BoldColor Technology delivers images that are bold and realistic at high brightness levels, resulting in richer, more appealing visual content and meeting the Rec. 709 standard for high-definition color reproduction.

**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	• 750,000:1 full on/off (Christie RealBlack enabled) • Dynamic contrast: 7500:1 (WU), 6500:1 (HD) • 1200:1 full on/off (Christie RealBlack disabled) • 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 emitter or polarizer	
	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	type	• Boresight adjustable • Motorized horizontal and vertical lens offset (memory available) • Motorized zoom and focus adjustment (memory available for full ILS lenses)	
	lenses	• 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) (not available in the U.S. at this time)	
	offsets	All lenses +/- 120% vertical +/- 50% horizontal except those noted below *+37/-60% vertical +15/-44% horizontal **+51/-53% vertical +11/-50% horizontal	All lenses +/- 133% vertical +/- 50% horizontal except those noted below *+110/-86% vertical +34/-39% horizontal **+125/-98% vertical +42/-47% horizontal
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: TUV, 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 on the projector • Three years or 15,000 hours 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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