

# 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 12,000 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.

**CHRISTIE®**

		Christie D12WU-HS	Christie D12HD-HS
Image	brightness (lumens)	• Center - 12,000 • ANSI - 11,500 • ISO - 12,900	• Center - 11,000 • ANSI - 10,500 • ISO - 11,800
	color wheel	• 4 segment (RGBY) - 2X or 3X speed	
	contrast	• 1200:1 full on/off; 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 to half brightness	
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)	
	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: 110-240 VAC @ 50/60Hz	
	power consumption	• Normal mode: 1250W ±15% (220V), 1300W ±15% (110V) • ECO1 mode: 1020W ±15% (220V), 1050W ±15% (110V) • ECO2 mode: 700W ±15% (220V), 700W ±15% (110V)	
	operating current	• Normal mode: 6.0A ±15% (220V), 11.9A ±15% (110V) • ECO1 mode: 4.7A ±15% (220V), 9.6A ±15% (110V) • ECO2 mode: 6.5A ±15% (220V), 3.2A ±15% (110V)	
	dissipation	• Normal mode: 4450 BTU/hr, ECO1 mode: 3600 BTU/hr, ECO2 mode: 2450 BTU/hr	
Audible noise		• Typical: 465W: 39dBA, 370W Eco mode: 37dBA	
Physical	size	• (L x W x H) 26.65 x 23.46 x 7.99" (677 x 596 x 203mm) w/o feet	
	shipping size	• (L x W x H) 36.34 x 33.19 x 20.20" (923 x 843 x 513mm)	
	weight (w/o lens)	• 93.7lbs (42.5kg)	
	shipping weight	• 119lbs (54kg)	
Operating environment	temperature	• 32-104°F (0-40°C)	
	humidity	• 0-85% non-condensing	
Regulatory		• 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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