

Christie HS Series

D16WU-HS / D16HD-HS

Enterprise venues and boardrooms
Entertainment venues
Fixed installation
Houses of worship

Hotels
Live events and conferences
Rental and staging
Trade shows and exhibitions



Power is freedom

Enjoy the freedom of unrestricted power. Hitting 16,000 lumens, the Christie® D16WU-HS and D16HD-HS are the lightest and brightest 1DLP® laser projectors to operate at full-brightness on a single 15A, 110V circuit. There's no need for high-power runs. Simply plug it into a standard outlet and start the show!

Visuals are stunning thanks to the enhanced color accuracy of Christie's patented BoldColor Technology and HD or WUXGA resolution. The long-lasting and reliable laser light source and affordability of 1DLP technology means these projectors are a cost-effective option for high-use applications. With built-in Christie Twist™, users have the tools needed to quickly and easily set up and align irregular screens and multi-projector displays.

CHRISTIE®

		Christie D16WU-HS	Christie D16HD-HS
Image	brightness (lumens)	• 17,400 ISO • 15,500 ANSI	• 15,750 ISO • 14,000 ANSI
	color wheel	• 4 segment (RGBY) - 2X or 3X speed	
	contrast (nominal)	• Full on/off (Christie RealBlack enabled): 2,000,000:1 • Dynamic contrast: 5000:1 • Full on/off (Christie RealBlack disabled): 1200:1 • ANSI 250:1	
Display technology	type	• 1 x 0.96" 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 50%	
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 A) • Image Viewer or Wi-Fi® dongle (optional) • HDBaseT x 1	
	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	
	pixel clock	• 162MHz	
	scan rates	• Horizontal: 15kHz to 91kHz • Vertical: 24Hz to 85Hz	
	Signal outputs	monitor out (loop-through)	• 3GSDI x 1 (BNC) • HDMI x 1 (HDMI out)
Control and networking		• RS-232 in • Control via HDBaseT • Ethernet (10/100) RJ45 • Built-in backlit keypad • Wired remote control (3.5mm stereo) • Loop out available for daisy chaining • 12VDC trigger at 200mA (ID:2.5mm)	
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 • ±50% Horizontal	• ±133% Vertical • ±50% Horizontal
	offsets for 0.84-1.02:1	• +37/-60% Vertical • +15/-44% Horizontal	• +110/-86% Vertical • +34/-39% Horizontal
	offsets for 1.02-1.36:1	• +51/-53% Vertical • +11/-50% 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 mode: 110-240 VAC @ 50/60Hz	
	power consumption	• Normal mode: 1250W ±15% (220 VAC), 1300W ±15% (110 VAC) • ECO1 mode: 1020W ±15% (220 VAC), 1050W ±15% (110 VAC) • ECO2 mode: 700W ±15% (220 VAC), 700W ±15% (110 VAC)	
	operating current	• Normal mode: 6.0A ±15% (220 VAC), 11.9A ±15% (110 VAC) • ECO1 mode: 4.7A ±15% (220 VAC), 9.6A ±15% (110 VAC) • ECO2 mode: 6.5A ±15% (220 VAC), 3.2A ±15% (110 VAC)	
	dissipation	• Normal mode: 4450 BTU/hr • ECO1 mode: 3600 BTU/hr • ECO2 mode: 2450 BTU/hr	
Audible noise		• Typical: 45dBA • Eco mode: 39dBA	
Physical	size	• (L xWxH) 26.65 x 23.46 x 7.99" (677 x 596 x 203mm) w/o feet	
	shipping size	• (L xWxH) 36.34 x 33.19 x 20.2" (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		• 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 ¹ • Contact an authorized Christie representative for full details of our limited warranty	

¹Please reference Christie Standard Limited Warranty document for details.

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