

# CHRISTIE HS SERIES D16WU-HS / D16HD-HS

Auditoriums | Enterprise venues and boardrooms | Entertainment venues | 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 110V 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.

These projectors come with the option to add Christie Mystique® automated camera-based alignment software, letting you quickly stage, install, align, and recalibrate multi-projection systems in minutes.



**CHRISTIE®**

## Technical specifications

## 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		
	performance	• 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) • 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 emitter or polarizer		
	pixel clock	• 162 MHz		
	scan rates	• Horizontal: 15-91kHz • Vertical: 24-85Hz		
	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)		
Warping and blending		standard	• Christie Twist™	
Lenses	optional	• Christie Twist Premium and Twist Pro • Christie Mystique® automated camera-based alignment		
	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	• 0.38:1 UST lens • 0.84-1.02:1 zoom lens (no zoom/focus memory) • 1.02-1.36:1 zoom lens (no zoom/focus memory) • 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	• ±140% Vertical • ±50% Horizontal	
	offsets for 0.84-1.02:1	• +111/-43% Vertical • +21/-35% Horizontal	• +108/-74% Vertical • +29/-42% Horizontal	
	offsets for 1.02:1-1.36:1	• +110/-66% Vertical • +32/-46% Horizontal	• +125/-98% Vertical • +40/-49% 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 <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.

For the most current specification information, please visit [christiedigital.com](http://christiedigital.com)



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