

CHRISTIE HS SERIES DWU15-HS

Hospitality & tourism | Large venues | Live events | Corporate
Museums | Worship | Rental & staging | Theme parks & attractions

Power is freedom.

Enjoy the freedom of unrestricted power. With 15,750 lumens, the Christie® DWU15-HS is the lightest and brightest 1DLP laser projector to operate at full-brightness on a single 10 A, 120 V circuit. There's no need for high-power runs. Simply plug it into a standard outlet and start the show!

Your audience will enjoy incredible brightness and WUXGA resolution, plus enhanced color performance—with deeper blacks, and more natural and realistic onscreen visuals—thanks to our new Christie BoldColor+™ technology. A long-lasting and reliable laser light source plus the affordability of 1DLP technology make this projector a cost-effective option for high-use applications.

The DWU15-HS supports active and passive polarized 3D right out of the box, and for extra peace of mind, it comes with a five-year warranty.

With built-in Christie Twist™, you have the tools you need to quickly and easily set up and align irregular screens and multi-projector displays. And the option to add Christie Mystique™ automated camera-based alignment software lets you quickly stage, install, align, and recalibrate multi-projection systems in minutes.



CHRISTIE®

Technical specifications

DWU15-HS / DWU15A-HS (TAA)

Image	brightness ¹	• 15,750 ISO lumens • 14,000 ANSI lumens
	color wheel	• 4 segment (RGBY) - 2x or 3x speed
	contrast (nominal)	• Christie RealBlack™ enabled: 4,000,000:1 • RealBlack disabled: 1,200:1 • Dynamic contrast: 6,000:1
Display technology	type	• 1 x 0.96" DMD
	native resolution	• 1920 x 1200 (2,304,000 pixels) (16:10)
Illumination	type	• Laser phosphor with Christie BoldColor+™ technology utilizing a blue and a red laser
	performance	• 20,000 hours to 50% brightness
Signal Inputs	standard	• HDMI 2.0b x 2 (HDCP 1.4/2.2) (one on rear panel, one on bottom) • 3G-SDI x 1 (BNC) • DP x 1 • USB x 1 (Type A) • WiFi dongle (optional) • HDBaseT (RJ45) 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 120 Hz output); frame sequential at 1080p up to 120 Hz • 3D sync in (BNC) for genlocking projectors • 3D sync out (BNC) for genlocking projectors, or controlling emitter or polarizer • Active shuttered and passive polarized stereoscopic 3D
	pixel clock	• 600 MHz
	scan rates	• Horizontal: 15-91 kHz • Vertical: 24-120 Hz
	Signal outputs	• 3GSDI x 1 (BNC) • HDMI x 1 (HDMI out)
	monitor out (loop-through)	• 3GSDI x 1 (BNC) • HDMI x 1 (HDMI out)
Control and networking		• HDBaseT (RJ45 x 1) • RJ45 x 1 (Ethernet control over wired network connection) • RS232 x 1 • Built-in backlit keypad • IR Remote • Remote in: 3.5 mm stereo female (provides serial communications and power) • Loop out available for daisy chaining • DC jack 12 VDC, 200 mA
Warping and blending	standard	• Christie Twist™
	optional	• Twist Premium and Twist Pro • Mystique™ automated camera-based alignment
TAA-compliant		• Yes
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	• 0.38:1 ultra short throw lens
	zoom/focus memory	• 1.2-1.5:1 zoom lens • 1.5-2.0:1 zoom lens • 2.0-4.0:1 zoom lens • 4.0-7.0:1 zoom lens • 7.2-10.8 zoom lens • 0.65-0.75 zoom lens
	no zoom/focus memory	• 0.84-1.02:1 zoom lens • 1.02-1.36:1 zoom lens
	offsets for 0.38:1 UST lens	• +100/-55% Vertical • +4/-28% Horizontal
	offsets for 0.84-1.02:1	• +108/-74% Vertical • +29/-42% Horizontal
	offsets for 1.02:1-1.36:1	• +124/-98% Vertical • +40/-49% Horizontal
	offsets for full ILS lenses	• ±140% Vertical • ±50% Horizontal
Accessories	standard	• IR remote with wired remote jack (wire not included) • AC line cord for projector • Product Safety Guide
	optional	• Christie® One Mount Plus (140-117100-XX) • One Mount Extender Rod (121-125109) • One Mount Rigging Kit (used with One Mount, One Mount Plus Extender Rod) (121-126100-XX) • Christie One Rigging Frame (140-113106-XX) • Fog Filter with Frame (003-005714-XX) • Fog Filter module (003-005715-XX)
Power requirements	operating voltage	• Normal: 100-240 VAC at 50/60 Hz
	power consumption	• Normal: 1030W • ECO1: 824W ECO2: 515W
	operating current	• Normal: 5.5 A (200-240 VAC), 10 A (110 VAC)
	dissipation at 110 V	• Normal: 3,242 BTU/hr • ECO1: 2,532 BTU/hr • ECO2: 1,617 BTU/hr
	dissipation at 220 V	• Normal: 3,071 BTU/hr • ECO1: 2,474 BTU/hr • ECO2: 1,590 BTU/hr
Audible noise		• Standard: 38dBA • ECO2: 35dBA (2x wheel speed)
		• Standard: 39dBA • ECO2: 37dBA (3x wheel speed)
Physical	size	• (LxWxH) 26.65 x 23.46 x 7.99" (677 x 596 x 203 mm) without feet
	shipping size	• (LxWxH) 37.99 x 31.30 x 14.37" (965 x 795 x 365 mm)
	weight	• 91.5 lbs (41.6 kg)
	shipping weight	• 117.7 lbs (53.3 kg)
Operating environment	temperature	• 32-104 F (0-40 C)
	humidity	• 10-85% non-condensing
Regulatory		• This product conforms to all relevant European directives, standards, safety, health, and environmental concerns • Directives: RoHS • REACH • WEEE • Contact Christie for timing of certifications: UL/CSA/IEC 60950-1 • FCC Class A • cTUVus • CE • FDA • CCC • KC • PSE • EAC • BIS • VCCI • RCM • Mexico • BSMI
Warranty		• Five years parts and labor on the projector • Five years or 20,000 hours parts and labor on the illumination system² • Contact an authorized Christie representative for full details of our limited warranty

¹ Brightness level is +/- 5%

² Reference the Christie Standard Limited Warranty document for details

For the most current specification information, please visit christiedigital.com

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