

CHRISTIE HS SERIES D13WU2-HS

Auditoriums | Corporate | Entertainment venues | Fixed installation | Education
Worship | Hospitality & tourism | Live events | Rental & staging | Trade shows & exhibitions

Brilliant colors at a brilliant price.

When color accuracy and affordability are key, choose the Christie® D13WU2-HS 1DLP laser projector. With 13,000 lumens, WUXGA resolution, and our Christie BoldColor™ technology, visuals are vibrant and more true-to-life than standard laser phosphor projectors.

With built-in Christie Twist™ warping and blending, the HS Series is quick and easy to set up, on their own or as part of a multi-projector array. And with the option to add Christie Mystique™ automated camera-based alignment software, you can align and recalibrate multi-projection systems in minutes.

With a compact and lightweight form factor, omnidirectional capabilities, and optional rigging frame, the D13WU2-HS is the perfect option for challenging installations.



CHRISTIE®

Technical specifications

D13WU2-HS

Image	brightness ¹	• 13,500 ISO lumens • 12,500 ANSI lumens
	color wheel	• 4 segment (RGBY) - 2X or 3X speed
	contrast (nominal)	• Full On/Off (Christie RealBlack™ enabled): 2,000,000:1 • Dynamic contrast: 6,000:1 • Full On/Off (RealBlack disabled): 1,200:1 • ANSI 250:1
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
	performance	• 20,000 hours to 50% brightness
Signal Inputs	standard	• HDMI x 2 (HDCP 2.2) (one on side panel, one on bottom) • 3GSDI x 1 (BNC) • DVI-D x 1 (digital only) • VGA x 1 • USB x 1 (Type A) • Wi-Fi 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
	pixel clock	• 162 MHz
	scan rates	• Horizontal: 15-91 kHz • Vertical: 24-85 Hz
	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
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 • 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 0.38:1 UST lens	• +100/-55% Vertical • +4/-28% Horizontal
	offsets for 0.84-1.02:1	• +108/-74% Vertical • +40/-49% Horizontal
	offsets for 1.02-1.36:1	• +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 Extender Rod (121-125109-XX) • One Mount Rigging Kit (used with One Mount, One Mount Plus Extender Rod) (121-126100-XX) • Christie One Rigging Frame (140-113106-XX) • WiFi dongle (133-113106-XX) • Fog Filter with Frame (003-005714-XX) • Fog Filter module (003-005715-XX)
Power requirements	operating voltage	• Normal: 120-240 VAC at 60/50 Hz with 15 A fuse
	power consumption	• Normal: 1,050W • ECO1: 900W ECO2: 600W
	operating current	• Normal: 13 A (100 V for Japan), 10 A (110 V for Taiwan), 12 A (100-240 V), 7 A (200-240 V)
	dissipation	• Normal: 3,583 BTU/hr • ECO1: 3,071 BTU/hr • ECO2: 2,047 BTU/hr
Audible noise		• Standard: 38dB(A) • ECO2: 35dB(A) (2x wheel speed) • Standard: 39dB(A) • ECO2: 37dB(A) (3x wheel speed)
Physical	size	• (LxWxH) 26.7 x 23.5 x 8.0" (677 x 596 x 203 mm) without feet
	shipping size	• (LxWxH) 38.0 x 31.3 x 14.4" (965 x 795 x 365 mm)
	weight	• 91.52 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 • CCC, CEL, CECP • FCC Class A • cTUVus • CE • FDA • CCC • KC • PSE • EAC • BIS • VCCI • RCM • TER • Mexico • BSMI
Warranty		• Three years parts and labor on the projector • Three 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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