

CHRISTIE HS SERIES 4K13-HS / 4K22-HS

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

Impressive visuals. Impressive value.

When you're looking to stand out from the crowd, there's a bright choice available in 4K UHD projection with options for 14,800 and 22,500 lumens in the **Christie® 4K13-HS and 4K22-HS 1DLP laser** projectors.

As our HS Series continues to push the brightness and image quality of 1DLP laser projection closer to the quality of 3DLP, these projectors give audiences deeper blacks and enhanced color performance for more natural and realistic onscreen visuals with our **BoldColor+™** technology.

With onboard Christie Twist™ warping and blending, it's quick and easy to set up and align multi-projector displays, while our optional **Mystique™** automated camera-based alignment software lets you quickly stage, install, align, and recalibrate multi-projection systems in minutes. When combined with the Christie Intelligent Camera, the projectors can trigger autofocus, automatically calibrate projector color, and more.

And as if that wasn't enough, both models come with a five-year warranty and support active and passive polarized 3D right out of the box.



CHRISTIE®

Technical specifications		4K13-HS / 4K13-HS (TAA)	4K22-HS / 4K22A-HS (TAA)
Image	brightness ¹	• 14,800 ISO lumens • 12,500 ANSI lumens	• 22,500 ISO lumens • 19,000 ANSI lumens
	color wheel	• 3 segment (RGB) - 4X 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 0.95" DMD	
	resolution	• 3840 x 2160 pixel shifted (4K UHD) • 1920 x 1080 native	
Illumination	type	• Laser phosphor with Christie BoldColor+™ technology utilizing a blue and a red laser	
	performance	• 20,000 hours to 50% brightness at full power	
Signal Inputs	standard	• HDMI 2.0b x 2 (HDCP 1.4/2.2) (one on rear panel, one on bottom) • 12G-SDI x 1 (BNC) • DP x 1 • USB x 1 (Type A) • HDBaseT (RJ45) x 1	
	signals	• 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: 24-240 Hz	
	signal outputs	• 12GSDI 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 • Remote in: 3.5 mm stereo female (provides serial communications and power)	• Remote out: 3.5 mm stereo female • 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	• 0.65-0.75 zoom lens • 1.2-1.5:1 zoom lens • 1.5-2.0:1 zoom lens • 2.0-4.0:1 zoom lens • 4.0-7.2:1 zoom lens • 7.2-10.8 zoom lens	
	no zoom/focus memory	• 1.02-1.36:1 zoom lens	
	offsets for 0.38:1 UST lens	• +120/-60% Vertical, +25/-8% Horizontal	
	offsets for 0.65:1-0.75:1	• +75/-75% Vertical, +31/-31% Horizontal	
	offsets for 1.02:1-1.36:1	• +40/-40% Vertical, +14/-14% 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-XX) • Fog Filter with Frame (003-005714-XX) • Fog Filter module (003-005715-XX)	• One Mount Rigging Kit (used with One Mount, One Mount Plus Extender Rod) (121-126100-XX) • Christie One Rigging Frame (140-113106-XX)
Power requirements	operating voltage	• Normal: 100-240 at VAC 50/60 Hz	• Normal: 100-240 VAC at 50/60 Hz • Supports 100-120 VAC at reduced power with 80% brightness level output
	power consumption	• Normal: 1,030W • ECO1: 854W • ECO2: 545W	• Normal: 1,553W • ECO1: 1,281W • ECO2: 806W
	operating current	• Normal: 5 A (200-240 VAC) 11 A (100-120 VAC)	• Normal: 8.5 A (200-240 VAC) 13.5 A (100-120 VAC)
	dissipation at 220 V	• Normal: 3,512 BTU/hr • ECO1: 2,912 BTU/hr • ECO2: 1,858 BTU/hr	• Normal: 5,295 BTU/hr • ECO1: 4,368 BTU/hr • ECO2: 2,748 BTU/hr
Audible noise		• Standard: 42dBA • ECO2: 40dBA	• Standard: 45dBA • ECO2: 42dBA
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	• 95.9 lbs (43.5 kg)	
	shipping weight	• 124.3 lbs (56.4 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 system ² • 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

Copyright 2025 Christie Digital Systems USA, Inc. All rights reserved. Our centers of excellence for manufacturing in Kitchener, Ontario, Canada and in Shenzhen, China are ISO 9001:2015 Quality Management System-certified. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. "Christie" is a trademark of Christie Digital Systems USA, Inc., registered in the United States of America and certain other countries. DLP® and the DLP logo are registered trademarks of Texas Instruments. Performance specifications are typical. Due to constant research, specifications are subject to change without notice.
CD32901-4K13-4K22-HS-data-sheet-Sept-25-EN

