

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

Hospitality | Large venues | Live events | Meeting rooms and boardrooms
Museums | Places of worship | Rental and staging | Theme parks and 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 5-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 (lumens)	<ul style="list-style-type: none"> • 14,800 ISO • 12,500 ANSI 	<ul style="list-style-type: none"> • 22,500 ISO • 19,000 ANSI 	
	color wheel	• 3 segment (RGB) - 4X speed		
	contrast (nominal)	<ul style="list-style-type: none"> • Christie RealBlack™ enabled: 4,000,000:1 • Christie® RealBlack disabled: 1,200:1 • Dynamic contrast: 6,000:1 		
Display technology	type	• 1 x 0.95" DMD		
	resolution	<ul style="list-style-type: none"> • 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 @ full power		
Signal Inputs	standard	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • HDMI 1.4, HDBaseT - frame packed, top/bottom, side-by-side (up to 120 Hz output); frame sequential @ 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	monitor out (loop-through)	• 12GSDI x 1 (BNC) • HDMI x 1 (HDMI out)		
Control and networking		<ul style="list-style-type: none"> • HDBaseT (RJ45 x 1) • RJ45 x 1 (Ethernet Control over wired network connection) • RS232 x 1 • Remote in: 3.5mm stereo female (provides serial communications and power) • Remote out: 3.5mm stereo female • Loop out available for daisy chaining • DC JACK 12VDC, 200 mA 		
	Warping and blending	mount type	• Christie Twist™	
		optional	<ul style="list-style-type: none"> • Christie Twist Premium and Twist Pro • Christie Mystique™ automated camera-based alignment 	
	TAA-compliant		• Yes	
	Lenses	mount type	<ul style="list-style-type: none"> • 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	
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	<ul style="list-style-type: none"> • 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) 	<ul style="list-style-type: none"> • 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 mode: 100-240 VAC @ 50/60 Hz	<ul style="list-style-type: none"> • Normal mode: 100-240 VAC @ 50/60 Hz • Supports 100-120 VAC @ 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 mode: 5A (200-240 VAC) 11A (100-120 VAC)	• Normal mode: 8.5A (200-240 VAC) 13.5A (100-120 VAC)	
	dissipation @ 220V	• 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 203mm) without feet		
	shipping size	• (LxWxH) 37.99 x 31.30 x 14.37" (965 x 795 x 365mm)		
	weight	• 95.9lbs (43.5kg)		
	shipping weight	• 124.3lbs (56.4kg)		
Operating environment	temperature	• 32-104 F (0-40C)		
	humidity	• 10-85% non-condensing		
Regulatory		<ul style="list-style-type: none"> • 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 		

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

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