

# CHRISTIE HS SERIES 4K22-HS

Hospitality | Large venues | Live events | Meeting rooms and boardrooms  
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## Impressive visuals. Impressive value.

When you're looking to stand out from the crowd with bright, impressive visuals and you don't want to blow your budget, the 22,500-lumen, high-performance Christie® 4K22-HS is the perfect fit.

Your audience will enjoy incredible brightness and WUXGA resolution, plus enhanced color performance from the brightest 4K UHD 1DLP® projector on the market. The 4K22-HS delivers deeper blacks and more natural and realistic onscreen visuals thanks to Christie BoldColor+™ technology.

Using onboard Christie Twist™ warping and blending, you can quickly and easily set up and align irregular screens and multi-projector displays. The option to add Christie Mystique™ automated camera-based alignment software lets you quickly stage, install, align, and recalibrate multi-projection systems in minutes.

And as if that wasn't enough, the 4K22-HS comes with a 5-year warranty and supports active and passive polarized 3D right out of the box.



**CHRISTIE®**

## Technical specifications

## 4K22-HS / 4K22A-HS (TAA)

Image	brightness (lumens)	<ul style="list-style-type: none"> <li>• 22,500 ISO</li> <li>• 19,000 ANSI</li> </ul>	
	color wheel	<ul style="list-style-type: none"> <li>• 3 segment (RGB) - 4X speed</li> </ul>	
	contrast (nominal)	<ul style="list-style-type: none"> <li>• Christie® RealBlack™ enabled: 4,000,000:1</li> <li>• Christie® RealBlack disabled: 1,200:1</li> <li>• Dynamic contrast: 6,000:1</li> </ul>	
Display technology	type	<ul style="list-style-type: none"> <li>• 1 x 0.95" DMD</li> </ul>	
	resolution	<ul style="list-style-type: none"> <li>• 3840 x 2160 pixel shifted (4K UHD)</li> <li>• 1920 x 1080 native</li> </ul>	
Illumination	type	<ul style="list-style-type: none"> <li>• Laser phosphor with Christie BoldColor+™ technology utilizing a blue and a red laser</li> </ul>	
	performance	<ul style="list-style-type: none"> <li>• 20,000 hours to 50% brightness</li> </ul>	
Signal Inputs	standard	<ul style="list-style-type: none"> <li>• HDMI 2.0b x 2 (HDCP 1.4/2.2) (one on rear panel, one on bottom) • 12G-SDI x 1 (BNC)</li> <li>• DP x 1 • USB x 1 (Type A) • HDBaseT (RJ45) x 1</li> </ul>	
	signals	<ul style="list-style-type: none"> <li>• Horizontal and vertical scaling while maintaining aspect ratio (all inputs)</li> </ul>	
	3D	<ul style="list-style-type: none"> <li>• HDMI 1.4, HDBaseT - frame packed, top/bottom, side-by-side (up to 120 Hz output); frame sequential @ 1080p up to 120 Hz.</li> <li>• 3D sync in (BNC) - for genlocking projectors</li> <li>• 3D sync out (BNC) - for genlocking projectors, or controlling emitter or polarizer</li> <li>• Active shuttered and passive polarized stereoscopic 3D</li> </ul>	
	pixel clock	<ul style="list-style-type: none"> <li>• 600 MHz</li> </ul>	
	scan rates	<ul style="list-style-type: none"> <li>• Horizontal: 15-91 kHz • Vertical: 24-240 Hz</li> </ul>	
Signal outputs	monitor out (loop-through)	<ul style="list-style-type: none"> <li>• 12GSDI x 1 (BNC) • HDMI x 1 (HDMI out)</li> </ul>	
Control and networking		<ul style="list-style-type: none"> <li>• HDBaseT (RJ45 x 1)</li> <li>• RJ45 x 1 (Ethernet Control over wired network connection)</li> <li>• RS232 x 1</li> <li>• Remote in: 3.5mm stereo female (provides serial communications and power)</li> <li>• Loop out available for daisy chaining</li> <li>• DC JACK 12VDC, 200 mA</li> </ul>	
	Warping and blending	mount type	<ul style="list-style-type: none"> <li>• Christie® Twist™</li> </ul>
		optional	<ul style="list-style-type: none"> <li>• Christie® Twist Premium and Twist Pro</li> <li>• Christie Mystique™ automated camera-based alignment</li> </ul>
	TAA-compliant		<ul style="list-style-type: none"> <li>• Yes</li> </ul>
	Lenses	mount type	<ul style="list-style-type: none"> <li>• Boresight adjustable • Motorized horizontal and vertical lens offset (memory available)</li> <li>• Motorized zoom and focus adjustment (memory available for full ILS lenses)</li> </ul>
lens options		<ul style="list-style-type: none"> <li>• 0.38:1 UST lens</li> </ul>	
zoom/focus memory		<ul style="list-style-type: none"> <li>• 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</li> <li>• 4.0-7.0:1 zoom lens • 7.2-10.8 zoom lens</li> </ul>	
no zoom/focus memory		<ul style="list-style-type: none"> <li>• 1.02-1.36:1 zoom lens</li> </ul>	
offsets for 0.38:1 UST lens		<ul style="list-style-type: none"> <li>• +100/-55% Vertical • +4/-28% Horizontal</li> </ul>	
offsets for 1.02:1-1.36:1		<ul style="list-style-type: none"> <li>• +124/-98% Vertical • +40/-49% Horizontal</li> </ul>	
offsets for full ILS Lenses	<ul style="list-style-type: none"> <li>• ±140% Vertical • ±50% Horizontal</li> </ul>		
Accessories	standard	<ul style="list-style-type: none"> <li>• IR remote with wired remote jack (wire not included) • AC line cord for projector • Product Safety Guide</li> </ul>	
	optional	<ul style="list-style-type: none"> <li>• Christie® One Mount Plus (140-117100-XX)</li> <li>• One Mount Extender Rod (121-125109-XX)</li> <li>• Fog Filter with Frame (003-005714-XX)</li> <li>• Fog Filter module (003-005715-XX)</li> <li>• One Mount Rigging Kit (used with One Mount, One Mount Plus Extender Rod) (121-126100-XX)</li> <li>• Christie® One Rigging Frame (140-113106-XX)</li> </ul>	
Power requirements	operating voltage	<ul style="list-style-type: none"> <li>• Normal mode: 220-240 VAC @ 50/60 Hz</li> </ul>	
	power consumption	<ul style="list-style-type: none"> <li>• Normal: 1,553W • Eco1: 1,281W • Eco2: 806W</li> </ul>	
	operating current	<ul style="list-style-type: none"> <li>• Normal mode: 8.5A (220-240 VAC)</li> </ul>	
	dissipation @ 220V	<ul style="list-style-type: none"> <li>• Normal: 5,295 BTU/hr • Eco1: 4,368 BTU/hr • Eco2: 2,748 BTU/hr</li> </ul>	
Audible noise		<ul style="list-style-type: none"> <li>• Standard: 45dBA • Eco2: 42dBA</li> </ul>	
Physical	size	<ul style="list-style-type: none"> <li>• (LxWxH) 26.65 x 23.46 x 7.99" (677 x 596 x 203mm) without feet</li> </ul>	
	shipping size	<ul style="list-style-type: none"> <li>• (LxWxH) 37.99 x 31.30 x 14.37" (965 x 795 x 365mm)</li> </ul>	
	weight	<ul style="list-style-type: none"> <li>• 95.9lbs (43.5kg)</li> </ul>	
	shipping weight	<ul style="list-style-type: none"> <li>• 124.3lbs (56.4kg)</li> </ul>	
Operating environment	temperature	<ul style="list-style-type: none"> <li>• 32-104 F (0-40 C)</li> </ul>	
	humidity	<ul style="list-style-type: none"> <li>• 10-85% non-condensing</li> </ul>	
Regulatory		<ul style="list-style-type: none"> <li>• This product conforms to all relevant European directives, standards, safety, health and environmental concerns</li> <li>• Directives: RoHS • REACH • WEEE • Contact Christie for timing of certifications: UL/CSA/IEC 60950-1</li> <li>• FCC Class A • cTUVus • CE • FDA • CCC • KC • PSE • EAC • BIS • VCCI • RCM • Mexico • BSMI</li> </ul>	
Warranty		<ul style="list-style-type: none"> <li>• Five years parts and labor on the projector</li> <li>• Five years or 20,000 hours parts and labor on the illumination system<sup>1</sup></li> <li>• Contact an authorized Christie representative for full details of our limited warranty</li> </ul>	

<sup>1</sup> Reference the Christie Standard Limited Warranty document for details.

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

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