CHRISTIE
HS SERIES 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 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.

WARRANTY
5 YEARS OR
20,000 HOURS
WARRANTY

BoldColor+
technology

RealBlack™

CHRISTIE®

Technical specifications   4K22-HS / 4K22A-HS (TAA)

Image	brightness (lumens)	• 22,500 ISO • 19,000 ANSI
	color wheel	• 3 segment (RGB) – 4X speed
	contrast (nominal)	• 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	• 3840 x 2160 pixel shifted (4K UHD) • 1920 x 1080 native
Illumination	type	• Laser phosphor with Christie BoldColor+™ technology
	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) • 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 @ 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		• 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) • Loop out available for daisy chaining • DC JACK 12VDC, 200 mA
Warping and blending	mount type	• Christie® Twist™
	optional	• Christie® Twist Premium and Twist Pro • Christie 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 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 • 4.0-7.0:1 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	• +100/-55% Vertical • +4/-28% 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 Rigging Kit (used with One Mount, One • One Mount Extender Rod (121-125109-XX) Mount Plus Extender Rod) (121-126100-XX) • Fog Filter with Frame (003-005714-XX) • Christie® One Rigging Frame (140-113106-XX) • Fog Filter module (003-005715-XX)
Power requirements	operating voltage	• Normal mode: 220-240 VAC @ 50/60 Hz
	power consumption	• Normal: 1,553W • Eco1: 1,281W • Eco2: 806W
	operating current	• Normal mode: 8.5A (220-240 VAC)
	dissipation @ 220V	• Normal: 5,295 BTU/hr • Eco1: 4,368 BTU/hr • Eco2: 2,748 BTU/hr
Audible noise		• 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 (0-40 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[1] • Contact an authorized Christie representative for full details of our limited warranty

[1] Reference the Christie Standard Limited Warranty document for details.

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

DLP® TEXAS INSTRUMENTS

CERTIFIED ISO 9001 QUALITY SYSTEM

CHKISTIE®