

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 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"> • 22,500 ISO • 19,000 ANSI | |
| | color wheel | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 1 x 0.95" DMD | |
| | native resolution | <ul style="list-style-type: none"> • 3840 x 2160 (4K UHD) | |
| Illumination | type | <ul style="list-style-type: none"> • Laser phosphor with Christie BoldColor+™ technology | |
| | performance | <ul style="list-style-type: none"> • 20,000 hours to 50% brightness | |
| 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 600 MHz | |
| | scan rates | <ul style="list-style-type: none"> • Horizontal: 15-91 kHz • Vertical: 24-240 Hz | |
| Signal outputs | monitor out (loop-through) | <ul style="list-style-type: none"> • 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) • Loop out available for daisy chaining • DC JACK 12VDC, 200 mA | |
| | Warping and blending | mount type | <ul style="list-style-type: none"> • Christie® Twist™ |
| | | optional | <ul style="list-style-type: none"> • Christie® Twist Premium and Twist Pro • Christie Mystique™ automated camera-based alignment |
| | TAA-compliant | | <ul style="list-style-type: none"> • 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 | | <ul style="list-style-type: none"> • 0.38:1 UST lens | |
| zoom/focus memory | | <ul style="list-style-type: none"> • 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 | | <ul style="list-style-type: none"> • 1.02-1.36:1 zoom lens | |
| offsets for 0.38:1 UST lens | | <ul style="list-style-type: none"> • +100/-55% Vertical • +4/-28% Horizontal | |
| offsets for 1.02:1-1.36:1 | | <ul style="list-style-type: none"> • +124/-98% Vertical • +40/-49% Horizontal | |
| offsets for full ILS Lenses | | <ul style="list-style-type: none"> • ±140% Vertical • ±50% Horizontal | |
| Accessories | standard | <ul style="list-style-type: none"> • 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) • 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 | <ul style="list-style-type: none"> • Normal mode: 220-240 VAC @ 50/60 Hz | |
| | power consumption | <ul style="list-style-type: none"> • Normal: 1,553W • Eco1: 1,281W • Eco2: 806W | |
| | operating current | <ul style="list-style-type: none"> • Normal mode: 8.5A (220-240 VAC) | |
| | dissipation @ 220V | <ul style="list-style-type: none"> • Normal: 5,295 BTU/hr • Eco1: 4,368 BTU/hr • Eco2: 2,748 BTU/hr | |
| Audible noise | | <ul style="list-style-type: none"> • Standard: 45dBA • Eco2: 42dBA | |
| Physical | size | <ul style="list-style-type: none"> • (LxWxH) 26.65 x 23.46 x 7.99" (677 x 596 x 203mm) without feet | |
| | shipping size | <ul style="list-style-type: none"> • (LxWxH) 37.99 x 31.30 x 14.37" (965 x 795 x 365mm) | |
| | weight | <ul style="list-style-type: none"> • 95.9lbs (43.5kg) | |
| | shipping weight | <ul style="list-style-type: none"> • 124.3lbs (56.4kg) | |
| Operating environment | temperature | <ul style="list-style-type: none"> • 32-104 F (0-40 C) | |
| | humidity | <ul style="list-style-type: none"> • 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 | |
| Warranty | | <ul style="list-style-type: none"> • Five years parts and labor on the projector • Five years or 20,000 hours parts and labor on the illumination system¹ • 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

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