CHRISTIE
HS SERIES 4K7-HS / 4K10-HS MODELS

Auditoriums | Enterprise venues and boardrooms | Entertainment venues | Houses of worship
Hotels | Live events and conferences | Rental and staging | Trade shows and exhibitions

High performance, low-cost 4K projection.

The Christie® 4K7-HS and 4K10-HS combine the cost-savings of 1DLP® technology, the long operational life of laser, and the image quality of 4K UHD resolution. The result is a pair of high-performance 7000 and 10,000 lumen, 4K UHD, HDR10 compatible laser projectors that won't blow your budget.

What makes the 4K7-HS and 4K10-HS outperform the competition is the enhanced color performance thanks to the patented Christie BoldColor Technology. Colors are vibrant and natural and with the added fidelity of 4K UHD resolution, visuals pop off the screen.

With built-in Christie Twist™, warping and blending is quick and easy. For added performance capabilities, Christie Mystique™ automated camera-based alignment software is available as an optional license.

Two expandable option card slots can accommodate input cards such as the Christie Terra SDVoE; and HDBaseT. Plus, with HDMI 2.0 and DisplayPort 1.2 inputs, sending the projector 4K@60Hz content over a single cable provides simplified setup and cable routing.

CHRISTIE®

Technical specifications

		Christie 4K10-HS	Christie 4K7-HS
Image	brightness (lumens)	• 11,000 ISO • 10,000 ANSI	• 7600 ISO • 7000 ANSI
	color wheel	• 4 segment (RGBY) – 2X speed	
	contrast (nominal)	• Full on/off (Christie RealBlack enabled): 2,000,000:1 • Dynamic contrast: 5000:1 • Full on/off (Christie RealBlack disabled): 1100:1 • ANSI 250:1	
Display technology	type	• 1 x 0.66" DMD	
	native resolution	• 4K UHD (8.3MP); 2716 x 1528 (WQXGA+) DMD (native); 16:9	
Illumination	type	• Laser phosphor with Christie BoldColor™ Technology	
	performance	• 20,000 hrs to 50% brightness	
Signal Inputs	standard	• HDMI x 2 (HDCP 2.1 Compliant) • DisplayPort x 1 (version 1.2) • DVI-D x 1 (digital only) • USB x 1 (Type A) • HDBaseT (RJ45 x 1) (standard on 4K10-HS)	
	optional	• Terra SDVoE • 3GSDI x 1 IN (BNC) • 3GSDI x 1 OUT (BNC) • WiFi Dongle • HDBaseT (RJ45 x 1) (optional on 4K7-HS) HDBaseT is standard on 4K10-HS and optional on 4K7-HS but occupies 1 of the 2 optional input slots	Note:
	signals	• Standard video signals up to 4096 x 2160/3840x2160 @ 60Hz (over a single cable; HDMI 2.0 or DP 1.2) • Horizontal and vertical scaling while maintaining aspect ratio, all inputs	
	3D and 2D HFR	• HDMI 1.4, HDBaseT – frame packed, top/bottom, side-by-side (up to 120Hz output); frame sequential @ 1080P up to 120Hz • Optional signal input up to 1920 x 1080@ 120Hz over HDMI, DP and DVI • 3D sync in (BNC) – for genlocking projectors • 3D sync out (BNC) – for genlocking projectors, or controlling emitter or polarizer	
	pixel clock	• Maximum input pixel rate 594 Mpix/s (supports 4096 x 2160 @ 60Hz / 3840 x 2160 @ 60Hz over HDMI & DP) • Minimum input pixel rate 27 Mpix/s (supports 480i @ 60Hz & 576i @ 50Hz)	
	scan rates	• Horizontal: 15-91kHz • Vertical: 24-120Hz	
Signal outputs	monitor out (loop-through)	• 3GSDI x 1 (BNC) • HDMI x 1 (HDMI out)	
Control and networking		• RS-232 in • Control via HDBaseT • Ethernet (10/100) RJ45 • Built-in backlit keypad • Wired remote control (3.5mm stereo) • Loop out available for daisy chaining	
Warping and blending	mount type	• Christie Twist™	
	optional	• Christie Twist Premium and Twist Pro • Christie Mystique® automated camera-based alignment	
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 • 0.85-1.02:1 zoom lens (no zoom/focus memory) • 1.2-1.73:1 zoom lens (no zoom/focus memory) • 1.7-2.21:1 zoom lens (full ILS) • 2.12-2.83:1 zoom lens (full ILS) • 2.83-5.66:1 zoom lens (full ILS) • 5.66-10.18:1 zoom lens (full ILS)	
	offsets for 0.38:1 UST lens	• ±135 % Vertical • ±60 % Horizontal	
	offsets for 0.85-1.02:1	• ±140 % Vertical • ±59 % Horizontal	
	offsets for 1.2-1.73:1	• ±140 % Vertical • ±60 % Horizontal	
	offsets for full ILS Lenses	• ±140% Vertical • ±60% 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) • One Mount Rigging Kit (used with One Mount, One Mount Plus Extender Rod) (121-126100-XX) • WiFi Dongle (133-113106-XX) • Extension Cards: • HDBaseT (140-138103-XX) • SDVoE (140-139104-XX) • 3G-SDI (140-140106-XX) • Fog Filter with Frame (003-006596-XX)	
Power requirements	operating voltage	• Normal: 100-240 VAC @ 50/60Hz	
	power consumption	• Maximum power consumption: 1250W • Eco1 mode (80%): 1010W • Eco2 mode (50%) • Fog Filter module (003-005715-XX): 630W	
	operating current	• Normal mode: 12A (120-240 VAC) (4K10-HS) • Normal mode: 8.5A (120-240 VAC) (4K7-HS)	
	dissipation	• 4K10: • Normal mode: 4265 BTU/hr • Eco1 mode: 3446 BTU/hr • Eco2 mode: 2150 BTU/hr • 4K7: • Normal mode: 2900 BTU/hr • Eco1 mode: 2388 BTU/hr • Eco2 mode: 1587 BTU/h	
Audible noise		• Typical: 39dBA • Eco2 mode: 36dBA	
Physical	size	• (L xWxH) 23.6 x 20.5 x 8.4" (600 x 520 x 214mm) w/o feet	
	shipping size	• (L xWxH) 39.6" (1005mm) x 33.9" (860mm) x 14.4 " (365mm)	
	weight	• 74.96lb (34kg)	
	shipping weight	• 101.85 lb (46.2kg)	
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 • TER • Mexico • BSMI	
Warranty		• Three years parts and labor on the projector • Three years or 15,000 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

CHRISTIE®