CHRISTIE
GS SERIES

Long-life 1DLP laser projectors

Boardrooms

Conference rooms

Education spaces

Government

Live event staging

Museums

Themed parks and attractions

Worship facilities

CHRISTIE®

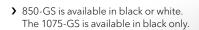# LONG-LIFE
LASER PROJECTORS
WITH A LOW COST
OF OWNERSHIP

Avoid downtime, cost of lamp replacements and maintenance by choosing the Christie® GS Series of solid state illumination projectors for your next project. From business venues to events and beyond, professional-grade Christie GS Series models deliver great performance and reliability in high-usage environments.

Featuring laser phosphor illumination, the Christie GS Series typically provides 20,000 hours of low-cost operation. Wireless connectivity, a small footprint, lightweight, quiet operation and a full suite of lenses makes the GS Series ideal for boardrooms, conference rooms, education, worship facilities, live event staging and other small and medium venues.

All Christie® GS Series projectors deliver accurate color reproduction, image quality and high brightness. The Christie 850-GS and 1075-GS models include Christie BoldColor™ Technology for the more life-like images and natural color reproduction using laser phosphor illumination.

BoldColor
Technology

> 850-GS is available in black or white. The 1075-GS is available in black only.

Christie GS Series

Technical specifications		DWU630-GS	DWU850-GS	DHD850-GS	DWU1075-GS
Image	brightness (lumens)	• 6,750 ISO lumens • 6,000 ANSI lumens	• 8,400 ISO lumens • 7,500 ANSI lumens	• 7,750 ISO lumens • 6,900 ANSI lumens	• 10,875 ISO lumens • 9,500 ANSI lumens
	color wheel	• 4 segment (RGBY) – 2X or 3X speed			
	contrast (full on/full off)	• Full on/off (Christie RealBlack™ enabled): 300,000:1 • Dynamic contrast 6000:1 • Full on/off (Christie RealBlack disabled): 1200:1, ANSI 250:1	• Full on/off (Christie RealBlack enabled): 300,000:1 • Dynamic Contrast: 6000:1		• Full on/off (Christie RealBlack enabled): 300, 000:1 • Dynamic contrast: 6000:1 • Full on/off (Christie RealBlack disabled): 1200:1 • ANSI 250:1
Display technology	type	• 1-chip 0.67" DMD S600HB	• 1-chip 0.67" DMD		
	native resolution	• 1920 x 1200 (16:10)		• 1920 x 1080 (16:9)	• 1920 x 1200 (16:10)
	color control	• Features precise software color adjustments for hue, saturation and gain. Adjust the hue of each primary color component (red, green, blue and white) for perfecting images on an individual projector or for matching colors across multiple adjacent displays			
Illumination	type	• High Efficiency Blue Laser Phosphor	• Laser phosphor with Christie BoldColor Technology		
	performance	• 20,000 hrs to 50% brightness			
Inputs	standard	• HDMI x 2 (HDCP 1.3) • DVI-D x 1 (digital only) • VGA x 1 • Remote in: 3.5mm stereo female (provides serial communications and power) • HDBaseT (RJ45 x 1) • RJ45 x 1 (Control over wired network connection)	• HDMI x 2 (HDCP 1.3) (one on side panel, one on bottom) • 3GSDI x 1 (BNC) • DVI x 1 (digital only); VGA x 1 • USB x 1 (Type A); Mini USB x 1 (Type B) • RS232 in • Control via HDBaseT • Ethernet (10/100) RJ45 • Built-in backlit keypad • Wired remote control (3.5mm stereo) – loop out available for daisy chaining		
	3D	• HDMI 1.4, HDBaseT – frame packed, top/bottom, side-by-side • Up to 144Hz output • Does not support Frame Sequential 3D • 3D Sync out (BNC) – for genlocking projectors or controlling emitter or polarizer	• HDMI 1.4, HDBaseT – frame packed, top/bottom, side-by-side/frame sequential (up to 120 Hz) • Up to 120 Hz output • 3D Sync in (BNC) – for genlocking projectors • 3D Sync out (BNC) – for genlocking projectors or controlling emitter or polarizer		
	signals	• HDTV formats VGA through to WUXGA (1920 x 1080) • Horizontal and vertical scaling while maintaining aspect ratio (all inputs)			
	pixel clock	• 162 MHz (1600 x 1200); 154 MHz (1920 x 1200)			
	scan rates	• Horizontal: 15-91kHz • Vertical: 24-120Hz			
Signal outputs	monitor out	• VGA x 1	• 3GSDI x 1 (BNC) • HDMI x 1 out		
Warping and blending		• None	• Embedded warping and blending (no option board required)		
Control and networking		• RS232 in • Control via HDBaseT • Ethernet (10/100) RJ45 • Built-in backlit keypad • IR remote • Wired remote control (3.5mm stereo)	• RS-232 in • Control via HDBaseT • Ethernet (10/100) RJ-45 with ChristieNET™ connectivity • Built-in backlit keypad • Wired remote control (3.5mm stereo) – loop out available for daisy chaining		
Lens mount	type	• Boresight adjustable • Motorized horizontal and vertical lens offset • Motorized zoom and focus adjustment			
	optional	• Lens 0.65-0.75 (140-143109-XX) • Lens 0.75-0.95 Zoom G/GS (140-119102-XX) • Lens 0.95-1.22 Zoom G/GS (140-101103-XX) • Lens Zoom HP G/GS 1.22-1.52 (140-131106-XX) • Lens 1.52-2.89 Zoom G/GS (140-102104-XX) • Lens 2.90-5.50:1 Zoom G/GS (140-107109-XX) • Lens UST 0.36 (140-133108-XX) • 1.22-1.53 Zoom lens[3] (140-132107-XX) •1.22-1.53:1 Zoom lens standard G/555-GS[3] (140-100102-XX)			
	0.75 - 5.50 TR Lenses offsets	• ±100% Vertical (540 wpixels) • ±30% Horizontal (288 pixels)	• ±100% Vertical (±648 pixels) • ±30% Horizontal (±288 pixels)		• ±100% Vertical (±600 pixels) • ±30% Horizontal (±288 pixels)
Accessories[2]	standard	• IR remote with wired remote jack (wire not included) • AC line cord for projector head • User manual			
Power requirements	operating voltage	• Normal: 100-240 VAC @ 50/60 Hz	• Normal: 100-240 VAC @ 50/60Hz (w/ 15A fuse)		
	power consumption	• Normal mode: 650W	• Normal mode: 900W		• Normal mode: 1070W
	operating current	• Normal mode: 9.5A (100V-240V)	• Normal mode: 9A (100V-240V)		• Normal mode: 10A (100V-240V)
	dissipation	• Normal Mode: 2218 BTU/hr • ECO2 Mode: 1068 BTU/hr	• 3071 BTU/hr (Normal mode) • 1689 BTU/hr (ECO2 mode)		• Normal Mode: 3651 BTU/hr • ECO2 Mode: 1843 BTU/hr
Audible noise		• Standard mode: 36dB(A) • Eco2 mode: 34dB(A)			
Physical	size	• (LxWxH): 19.9 x 18.0 x 7.5" (505 x 456 x 190mm) w/o feet or lens	• (LxWxH): 18.9 x 21.9 x 7.5" (480 x 555 x 190mm) w/o feet or lens		
	shipping size	• (LxWxH): 24.7 x 23.5 x 13.7" (626 x 596 x 349mm)	• (LxWxH): 23.6 x 29.9 x 14.7" (599 x 759 x 373mm)		
	weight	• 34.94lbs (15.85kg) w/o lens	• 23.7kg (52.4lb.) w/o lensw		• 24.9kg (54.9lb.)
	shipping weight	• 47.06lbs (21.35kg)	• 30kg (66.3lb.)		• 31.7kg (69.9lb.)
Environment	operating conditions	• 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 • CE • FDA • CCC • KC • PSE • EAC • BIS • VCCI • RCM • TER			
Warranty		• Three years on the projector • Three years or 20,000 hours 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. [2] Optional accessories available, visit our website for more information [3] DWU630-GS only

CHRISTIE®

christiedigital.com

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

DLP
TEXAS INSTRUMENTS

CHRISTIE®