

# CHRISTIE DS SERIES

Bright, versatile and reliable  
3LCD laser projectors

Boardrooms

Conference rooms

Education

Government

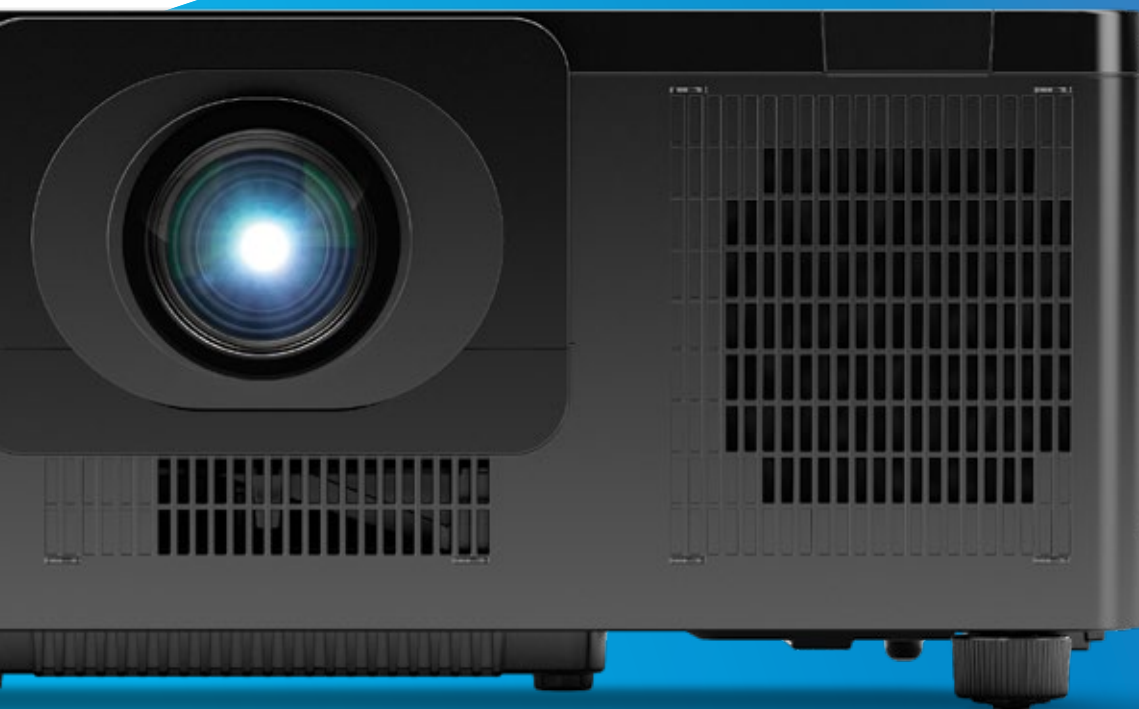
Media rooms

Museums

Rental and staging

Training rooms

Worship



**CHRISTIE®**



# MAXIMIZE YOUR BUDGET

The Christie® DS Series delivers a sleek and versatile lineup of mid-brightness 3LCD laser projectors at an unbeatable value. With the option of HD or WUXGA resolutions, the choice of seven lenses, brightness levels from 7550 to 9000 lumens and an unbeatable five-year/15,000-hour warranty, the DS Series is perfect for applications requiring a little extra visual punch without blowing the budget.

Brighter, smaller and  
more energy efficient  
than the competition

Proving you don't need to sacrifice performance for price, Christie DS Series projectors feature a patented optical laser light path, improved phosphor materials and professional capabilities like built-in warp and edge blending, advanced color management, and a low-power mode that enables up to 50,000 hours of operation.

Combine this with an unbeatable five-year/15,000-hour warranty, and the DS Series is the easy choice for a bright, reliable and cost-effective laser projection solution.

# Features you can count on

**Accepts 4K@60Hz signal input** – Improved viewing experience with 4K UHD devices

**Built-in edge blending and warping with color adjustment** – Manual or automatic camera-based adjustments for quick and easy projector setup of up to 12 projectors on corners, flat and cylindrical surfaces

**Advanced color management** – Make adjustments to six colors independently for hue, saturation and luminance

**HDMI Loop-through** – Allows HDMI™ input signal (up to 4K@60Hz) to be passed on to other DS Series projectors without the need for a distribution amp/splitter

**Durable, long-lasting components** – 20,000 hours of operation (50,000 hours in low-power mode) and 30,000 hour filter life means minimal maintenance during the operational lifetime

**Digital Imaging and Communication in Medical (DICOM) simulation** – Provides enhanced grey scale levels for medical training applications requiring DICOM part 14 specifications

**3D Keystone technology** – Tool that enables 8-point geometry correction

**Fully omnidirectional** – Unrestricted design and installation flexibility

**High Dynamic Contrast Range** – Improves visual contrast to avoid a washed-out effect in environments with a lot of ambient light

**LiveViewer** – Easily share audio and video content directly from your computer or laptop to your projector, via your Local Area Network or wirelessly (optional USB dongle required)

## Wide range of lens options:

0.38:1	Ultra short throw fixed lens
0.78:1	Short throw fixed lens
0.74-0.98:1	Ultra short throw zoom lens
1.2-1.81:1	Short throw zoom lens
1.7-2.9:1	Middle throw zoom lens
2.9-4.9:1	Long throw zoom lens
4.9-8.3:1	Ultra long throw zoom lens

**Unbeatable warranty** – Five-year or 15,000-hour warranty (whichever occurs first)



^ Image on curved screen  
– without blending



^ Curved screen  
– with blending



^ Standard mode



^ DICOM simulation mode



^ HDCR off



^ HDCR on



◀ The Christie Ultra short throw (UST) lens allows you to position your projector as close as possible to your screen, with a 0.38:1 throw ratio

Specifications		Christie LWU900-DS	Christie LWU755-DS	Christie LHD878-DS
Image	brightness (lumens)	• ISO – 9000 lumens • ANSI – 8000 lumens	• ISO – 7550 lumens • ANSI – 7000 lumens	• ISO – 8775 lumens • ANSI – 7800 lumens
	contrast ratio (dynamic)	• 4,000,000:1		
Display technology	type	• 0.76" 3LCD		• 0.74" 3LCD
	native resolution	• 1920 x 1200 WUXGA (2,304,000 pixels)		• 1920 x 1080 full HD (2,073,600 pixels)
Illumination	type	• SS laser: blue laser diodes (35LD) 71-95W	• SS laser: blue laser diodes (30LD) 71W	• SS laser: blue laser diodes (35LD) 71-95W
	light source estimated life	• 20,000 hours (Normal mode); up to 50,000 hours (Long Life 2 mode w/ 50% illuminance)		
Image adjustment	throw distance @ 100" image size	• 0.84m to 18.1m depending on optional lens		
	zoom	• Motorized (with zoom lens)		
	focus	• Motorized (with zoom lens)		
	lens shift	• Motorized (with zoom lens)		
	screen size	• 30"~600" depending on optional lens		
	keystone correction	• Vertical/horizontal and 3D keystone (PerfectFit)		
Displayable scanning frequency	scan rates	• Horizontal: 31.5-106kHz • Vertical: 56-120Hz		
	max pixel clock rates	• 162 MHz (1600 x 1200) and 154 MHz (1920 x 1200)		
Inputs	digital inputs	• 3G-SDI • HDMI™ 1 (2.0b w/ HDCP 2.2) • HDMI 2 (1.4b w/ HDCP 1.4 compatible) • DisplayPort™ • HDBaseT x 1	• HDMI 1 (2.0b w/ HDCP 2.2) • HDMI 2 (1.4b w/ HDCP 1.4 compatible) • DisplayPort • HDBaseT x 1	• 3G-SDI, HDMI1 (2.0b w/ HDCP 2.2) • HDMI 2 (1.4b w/ HDCP 1.4 compatible) • DisplayPort • HDBaseT x 1
	computer input	• Mini-D-sub 15-pin connector x 1		
	video input	• RCA connector x 1		
	audio input	• 3.5mm stereo mini connector x 1 • RCA connector (L/R) x 1		
	Outputs	• HDMI out x 1 • Monitor out: Mini-D-sub 15-pin connector x 1 • Audio output: 3.5mm stereo mini connector x 1		
Control and networking		• D-sub 9-pin connector x 1 (RS-232C) • RJ45 jack x 1 • Wired remote control In/Out • 3.5mm mono mini connector x 1 • USB type A x 1 (Used for wireless network) • HDBaseT x 1		
Power requirements	operating voltage	• 100-120 VAC @ 50/60Hz • 220-240 VAC @ 50/60Hz		
	maximum power consumption	• 580W + 10% or less @ 100-120 VAC • 560W + 10% or less @ 220-240 VAC	• 520W + 10% or less @ 100-120 VAC • 500W + 10% or less @ 220-240 VAC	• 580W + 10% or less @ 100-120 VAC • 560W + 10% or less @ 220-240 VAC
	operating current	• 5.9A +10% or less @ 100-120 VAC • 3.0A +10% or less @ 220-240 VAC	• 5.4A +10% or less @ 100-120 VAC • 2.7A +10% or less @ 220-240 VAC	• 5.9A +10% or less @ 100-120 VAC • 3.0A +10% or less @ 220-240 VAC
Standby mode power consumption		• 0.5W		
Operating environment	temperature	• 0~5,249-ft: 0~45°C (dimming at 35~45°C) • 5,250~10,000-ft: 0~40°C (dimming at 30~35°C)		
	humidity	• 10~80% RH (non-condensing), 0~10,000-ft		
Audible noise		• 32dB Max Eco mode • 38dB Max Normal mode	• 32dB Max Eco mode • 36dB Max Normal mode	• 32dB Max Eco mode • 41dB Max Normal mode
Physical	size	• (LxWxH): 17.5 x 23.0 x 9.1" (444 x 585 x 232mm) ±1mm with lens removed		
	shipping size	• (LxWxH): 22.1 x 29.3 x 12.4" (561 x 743 x 315mm) +2%		
	weight	• 40.3lbs (18.3kg) with lens removed		
	shipping weight	• 50.9lbs (23.1kg) includes packaging		
Key features		• 4K/60p Video signal compatible - up to (4096 x 2160) @ 60Hz 4:4:4 • 4K/60p Enhanced data signal compatible - up to 4K/60p (4:4:4, 4:2:2, 4:2:0) • Warp and Edge Blending (flat, cylinder, corner; automatic camera-based or manual; up to 12 projectors; auto and manual screen fitting) • Color Management (adjust six colors independently; adjust hue/saturation/luminance) • HDMI out allows looping of 4K/60p signals up to 4 projectors • HDBaseT • AMX and Crestron connectivity • Extron XTP certified • PJLink Class 2 • DICOM simulation mode • HDCR • Picture-in-Picture/Picture-by-Picture • 3D Keystone • Portrait and 360° projection • Security controls • Dual-band (2.4 and 5GHz) wireless support (w/optional USB wireless stick) • SNMP for failure/warning status and projector information • Scheduling capability		
Network features		• Projector monitoring (wired LAN) • Control from a remote location (wired LAN) • E-mail alerts (Wired LAN) • Mirroring of PC screen (using the LiveViewer software) • Infrastructure mode (wireless LAN) • Simple Access point (SoftAP) • SNMP management (SNMP)		
Regulatory		• This product conforms to all relevant safety, EMC, and environmental standards that allow sales to US, Canada, EU, Korea, Russia, Australia, and Kuwait		
Warranty		• 5 years or 15,000 hours on the projector (whichever occurs first)		
Accessories	standard	• Power cable 1.8m (L type) • Computer cable (1.8m) • IR remote controller without 2 AA batteries • Lens cover and cap • HDMI-DVI adapter cable (003-004366-01) • Terminal cover (small) • Terminal cover (large)		
	optional	• USB wireless adaptor • Remote control • Wired remote controller • Filter set (003-006612-01)		



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

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