

# DS+305/DS+305W

Boardrooms

Classrooms

Digital signage

Executive briefing centers

Meeting rooms

Training rooms



## Compact design with stunning image quality

The Christie DS+305 is a compact single-chip projector with 10-bit image processing and BrilliantColor™ for the ultimate image performance.

Weighing only 6.3 lb, this compact projector delivers up to 3300 ANSI lumens, a 2500:1 contrast ratio and native SXGA+ resolution which translates into deep blacks and crisp whites for stunning image quality.

New high-bandwidth electronics, with PixelWorks™ DNX™ processing, improve video de-interlacing and scaling, reduce color degradation and dithering and improve gradation for spectacular smooth video.

The Christie DS+305 is equipped with a wide-range 1.7–2.2:1 zoom lens and 100% vertical lens shift. The Christie DS+305W features a 1:1 wide angle lens and 80% vertical lens offset. Both

models feature an advanced optical design for high brightness and BrilliantColor™ multi-primary image processing for optimum color saturation. Each model is capable of portrait orientation – perfect for digital signage applications.

The DS+305 uses proven single-chip DLP® technology that provides reliable long life operation. With the added confidence of 24/7 reliability, it is well-suited for intensive use applications such as retail signage, high resolution modeling or front projection control rooms. With lamp life up to 3000 hours and a filter-free, sealed optical engine for low maintenance, the Christie DS+305 is backed by Christie's renowned warranty and service and support programs for complete confidence.

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# TECHNICAL SPECIFICATIONS

## DS+305 (115-009101-01)

## DS+305W (115-010101-01)

Image brightness	<ul style="list-style-type: none"> <li>• 3300 ANSI lumens (max setting)</li> </ul>		
contrast	<ul style="list-style-type: none"> <li>• 2500:1 full field, maximum</li> </ul>		
Display type	<ul style="list-style-type: none"> <li>• 1-chip 0.95" DMD with BrilliantColor™ 6-color processing</li> </ul>		
native resolution	<ul style="list-style-type: none"> <li>• SXGA+ (1400 x 1050)</li> </ul>		
Lamp type	<ul style="list-style-type: none"> <li>• 220W UHP</li> </ul>		
life	<ul style="list-style-type: none"> <li>• 2250 hrs (typical, at maximum brightness) • 3000 hrs (low power mode)</li> </ul>		
Input signals	<ul style="list-style-type: none"> <li>• VGA through to UXGA (1600 x 1200) • 10-bit image processing</li> <li>• Accepts and displays common HDTV/DTV formats up to 1080P                             <ul style="list-style-type: none"> <li>• Horizontal and vertical scaling, all inputs</li> </ul> </li> </ul>		
pixel clock scan rates	<ul style="list-style-type: none"> <li>• 162 MHz (analog) • 165 MHz (digital)</li> <li>• Horizontal: 15 to 120 kHz, Vertical: 50 to 110 Hz</li> </ul>		
Inputs, control and networking	<ul style="list-style-type: none"> <li>• HD15 • DVI-I (HDCP-Compliant) • HDMI (HDCP-compliant)</li> <li>• Component video YPbPr – via female RCA • S-video – via 4-pin mini-DIN</li> <li>• Composite video – via female RCA • USB • RS-232 – via female 9-pin DSub • RJ45</li> <li>• Wired remote control (3mm mini-jack) • 12v trigger control (3mm mini-jack)</li> </ul>		
Optical system	<ul style="list-style-type: none"> <li>• 1.75 – 2.2 throw ratio</li> <li>• 1.5 – 10m throw distance</li> <li>• 100% vertical offset</li> </ul>	<ul style="list-style-type: none"> <li>• 1:1 throw ratio</li> <li>• 1.5 - 10m throw distance</li> <li>• 80% vertical offset</li> </ul>	
Accessories standard	<ul style="list-style-type: none"> <li>• Remote control w/batteries • VGA cable • DVI cable • USB cable</li> <li>• Line cord • User manual</li> </ul>		
optional advanced feature set	<ul style="list-style-type: none"> <li>• Shipping case • Ceiling mount • User-replaceable lamp</li> <li>• PixelWorks DNX™ advanced video decoding and deinterlacing • PIN code security</li> <li>• On-board event programming • Comprehensive color adjustment</li> <li>• Vertical lens shift (depends on lens version) • Front and rear IR sensors</li> <li>• Portrait orientation operation</li> </ul>		
Power requirements operating voltage	<ul style="list-style-type: none"> <li>• 100–240 VAC @50/60 Hz</li> </ul>		
operating current	<ul style="list-style-type: none"> <li>• 3A @ 100V, 1.3A @ 220V</li> </ul>		
power dissipation	<ul style="list-style-type: none"> <li>• 350W max</li> <li>• 1295 BTU/hr</li> </ul>		
Dimensions size	<ul style="list-style-type: none"> <li>• (LxWxH): 9.2 x 10.9 x 3.7" (234x278x94mm)</li> </ul>		
weight	<ul style="list-style-type: none"> <li>• Zoom lens: 6.4 lb (2.9 kg)</li> </ul>	<ul style="list-style-type: none"> <li>• 1:1 lens: 7.5 lb (3.4 kg)</li> </ul>	
shipping weight	<ul style="list-style-type: none"> <li>• 14.4 lb (5.5 kg)</li> </ul>	<ul style="list-style-type: none"> <li>• 15 lb (6.8 kg)</li> </ul>	
Noise	<ul style="list-style-type: none"> <li>• 24dB</li> </ul>		
Operating environment	<ul style="list-style-type: none"> <li>• Temperature: 0–35° C (32-95° F) • Altitude: 0–3000 m (0-9800 ft) • Humidity: 20–90%</li> </ul>		
Regulatory approvals	This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC): • FCC Part 15, Subpart B Class A • CISPR22/EN55022 • CISPR24/EN55024 • UL 60950-1 first edition • CAN/CSA-C22.2 No 60950-1-03 first edition • IEC60950-1:2001 • 2002/95/EC RoHS		
Limited warranty	<ul style="list-style-type: none"> <li>• 2 years parts, labor (excluding light engine) • Lamp: 120 days or 500 hrs, whichever comes first</li> <li>• Contact an authorized Christie representative for full details of our limited warranty</li> </ul>		
Corporate offices	Worldwide offices		
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▲ A simplified input panel offers connectivity for digital and analog sources.



▲ The DS+305W features a pin-sharp 1:1 throw ratio lens with 80% vertical offset.



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

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