

Christie D4K2560/D4K3560



Amusement parks
Auditoriums
Casinos
Classrooms

Museums
Planetariums
Theaters
Virtual design centers



The first high frame rate 4K DLP projectors

Ultra-realistic 4K at 60Hz

Your audience will be raving about fantastic images and you'll know why. It's as real as it gets thanks to Christie's new and unique TruLife™ electronics, a quantum leap in video-image processing that is a breakthrough in high frame rate and high resolution video projection. The Christie® D4K2560 and D4K3560 offer ultra-realistic images and smoother video at 60Hz. Precise detail and vibrant life-like images won't fail to capture attention and immerse audiences in your content.

Now you have two 4K (4096 x 2160) choices for creating displays that require high brightness, ultra realism, superior color reproduction and consistent long-life reliability. The Christie D4K2560 and the

Christie D4K3560 are the only 4K resolution projectors built on superior 3-chip DLP® technology, giving you longer, more reliable lifetime performance and unequaled color reproduction with the widest color gamut. Furthermore, with 60Hz video processing motion blur and stuttered movement is significantly reduced, showcasing stunningly realistic visuals that are easy on the eyes.

Both projectors are designed to make it easy for you to put on a breath-taking show.

CHRISTIE®

		Christie D4K2560	Christie D4K3560																								
Image	brightness	<ul style="list-style-type: none"> • 22,500 ANSI lumens (25,000 center lumens) – 3.0kW Lamp • 16,000 ANSI lumens (18,000 center lumens) – 3.0kW Lamp • 9000 ANSI lumens (10,000 center lumens) – 2.0 kW Lamp 	<ul style="list-style-type: none"> • 32,500 ANSI lumens (35,000 center lumens) – 6.0kW Lamp • 27,000 ANSI lumens (29,000 center lumens) – 4.5kW Lamp • 18,000 ANSI lumens (19,500 center lumens) – 3.0kW Lamp • 12,000 ANSI lumens (13,000 center lumens) – 2.0kW Lamp 																								
	contrast	• 2000:1 (full on/off)																									
Display	type	• 3-chip 1.38" DMD™																									
	native resolution	• 4K (4096 x 2160)																									
Lamp	type	• Xenon bubble																									
	estimated life	<ul style="list-style-type: none"> • 3.0kW lamp CDXL-30SD 1500 hrs • 3.0kW lamp CDXL-30 2500 hrs • 2.0kW lamp CDXL-20 3500 hrs 	<ul style="list-style-type: none"> • 6.0kW lamp CDXL-60 750 hrs • 4.5kW lamp CDXL-45 900 hrs 																								
Input signals	standard	• 2 x Dual 3G HD-SDI input card • 2 x Twin DisplayPort input card																									
	optional	• Dual Link DVI Input Card • Twin HDMI Input Card																									
		<table border="1"> <thead> <tr> <th>Resolution</th> <th>Connection</th> <th>Frame rate</th> <th>Format</th> </tr> </thead> <tbody> <tr> <td rowspan="2">• 4K (4096 x 2160) • Quad HD (3840 x 2160)</td> <td>• 4 x DisplayPort 1.1a</td> <td>• 24-60Hz</td> <td>• 4:4:4 8-/10-bit • 4:2:2 8-/10-/12-bit</td> </tr> <tr> <td>• 2 x DisplayPort 1.1a</td> <td>• 24-60Hz</td> <td>• 4:4:4 8-/10-bit</td> </tr> <tr> <td rowspan="4"></td> <td>• 4 x 3G HD-SDI</td> <td>• 24-30Hz</td> <td>• 4:4:4 12-bit • 4:2:2 12-bit</td> </tr> <tr> <td>• 4 x HD-SDI</td> <td>• 50-60Hz</td> <td>• 4:2:2 10-bit</td> </tr> <tr> <td>• 4 x DVI</td> <td>• 24-30Hz</td> <td>• 4:2:2 10-bit</td> </tr> <tr> <td>• 2 x DVI (Dual Link)</td> <td>• 24-60Hz</td> <td>• RGB 8-bit</td> </tr> </tbody> </table>	Resolution	Connection	Frame rate	Format	• 4K (4096 x 2160) • Quad HD (3840 x 2160)	• 4 x DisplayPort 1.1a	• 24-60Hz	• 4:4:4 8-/10-bit • 4:2:2 8-/10-/12-bit	• 2 x DisplayPort 1.1a	• 24-60Hz	• 4:4:4 8-/10-bit		• 4 x 3G HD-SDI	• 24-30Hz	• 4:4:4 12-bit • 4:2:2 12-bit	• 4 x HD-SDI	• 50-60Hz	• 4:2:2 10-bit	• 4 x DVI	• 24-30Hz	• 4:2:2 10-bit	• 2 x DVI (Dual Link)	• 24-60Hz	• RGB 8-bit	
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	• 2 x DVI (Dual Link)	• 24-60Hz	• RGB 8-bit																								
Signal outputs	loop-out	• Dual 3G HD-SDI input card • Twin DisplayPort input card																									
Control and networking		• RS-232 • Ethernet (10/100) RJ45 with ChristieNET™ connectivity • Detachable LCD control module																									
Lenses	fixed	• 0.72:1* • 1.0:1**																									
	zoom	• 1.13-1.31:1*** • 1.31-1.63:1 • 1.63-2.17:1 • 1.98-2.71:1 • 2.71-3.89:1 • 3.89-5.43:1 • 5.43:1-7.69:1***																									
	offsets	<ul style="list-style-type: none"> • All lenses ±13% Vertical ±4% Horizontal except those noted below *No offset **1.0:1 fixed lens ±29% Vertical ±9% ***1.13-1.31:1 and 5.43:1-7.69:1 zoom lenses ±56% Vertical ±19% 																									
Accessories	standard	<ul style="list-style-type: none"> • Detachable LCD control module • AC line cord for projector head • CDXL-30SD lamp 																									
	optional	<ul style="list-style-type: none"> • CDXL-20 lamp • CDXL-30 lamp • Heat extraction fan kit (required when operating projector) • Rack mount pedestal • Replacement air filter for light engine • Replacement air filter for liquid cooling radiator • Lamp adapter kit for CDXL-20 • Christie Twist™ 4K (limited to 30 frames per second) 	<ul style="list-style-type: none"> • Detached 7kW low-ripple switch mode lamp ballast (required to operate projector) • CDXL-60 lamp • CDXL-20 lamp • CDXL-30 lamp • CDXL-45 lamp 																								
Lens mount	type	• Tool-free lens insertion system • Boresight adjustable • Motorized horizontal and vertical lens offset • Motorized zoom and focus adjustment																									
Power requirements	projector head	<ul style="list-style-type: none"> • Operating voltage: Single phase 200-240 VAC @ 50/60Hz • Operating current: 23A max @ 200V 																									
	ballast	• Integrated ballast and projector head	<ul style="list-style-type: none"> • Operating current: 7A max @ 200V • Type: Detached 7kW low-ripple switch mode lamp ballast • Operating voltage: 3-phase 200-230 VAC @ 50/60Hz • Operating current: 38A per phase max • Operating voltage: 3-phase 380-415 VAC @ 50/60Hz • Operating current: 26A per phase max 																								
Dimensions	size	• Projector head (LxWxH): 51.1 x 25.5 x 19.0" (1299 x 648 x 480mm) with lens cover	<ul style="list-style-type: none"> • Projector head (LxWxH): 51.1 x 25.5 x 19" (1298 x 648 x 483mm) • Ballast (LxWxH): 21 x 18 x 21" (533 x 457 x 533mm) 																								
	shipping size	• Projector head (LxWxH): 60.4 x 36 x 28.5" (1535 x 914 x 724mm) with lens cover	<ul style="list-style-type: none"> • Projector head (LxWxH): 60.4 x 36 x 28.5" (1535 x 914 x 724mm) • Ballast (LxWxH): 28 x 25 x 31.5" (710 x 635 x 800mm) 																								
	weight	• Projector head 273lbs (124kg)	• Projector head 251lbs (114kg) • Ballast 89lbs (40.5kg)																								
	shipping weight	• Projector head 344lbs (156kg)	• Projector head 322lbs (146kg) • Ballast 135lbs (62kg)																								
Operating environment		• Operating temperature: 50-95°F (10-35°C) • Humidity (non-condensing): 20-80%																									
Regulatory		<ul style="list-style-type: none"> • This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC): • Directives: (EC) 2011/65/EU (RoHS) • 2012/19/EU (WEEE) • Regulations: (EC) No. 1907/2006 (REACH) • CAN/CSA C22.2 No. 60950-1 • UL 60950-1 • IEC 60950-1 • EN 60950-1 • FCC, Part 15, Subpart B, Class A • ICES/NMB003 (A) • EN55022/CISPR22 Class A • EN55024/CISPR24 • The product is designed to comply to the rules and regulations required for the product to be sold in various regional markets, including: USA/Canada, EU, Norway, Australia/New Zealand, Kuwait, China, Korea, Japan, Mexico, Ukraine, Russia, South Africa, and Saudi Arabia 																									
Limited warranty	projector	• Three years parts and labor (including light engine)																									
	lamp	• Contact an authorized Christie representative for full details of our limited warranty																									

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