

# Christie Mirage 4K25/4K35



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## First and only DLP 4K at 120Hz performance

For a quantum leap in image processing, look no further than the Christie® Mirage 4K. Delivering the highest DLP® resolution on the market today and based on Christie's unique TruLife™ electronics this new platform gives you unprecedented image fidelity, life-like vibrant colors and up to 35,000 lumens for the brightest 3D immersive user experience. Additionally you have the added value of Xenon-based illumination giving you the most natural color accuracy, uniformity and stability over time.

Christie TruLife electronics support a video-processing pipeline of up to 1.2 Gigapixels per second which is 10 times faster than full high-definition bandwidth.

This provides flexibility in supporting various 3D interconnectivity formats: single sequential 4K 120Hz input, dual interleaved 4K 60Hz signals, and 4K 60Hz sequential frame doubled, all three modes resulting in 120Hz 4K output.

Based on Christie's superior design, engineering and manufacturing capabilities, the Mirage 4K product line provides 24/7 reliability, ease of service and consistent performance for years of operation.

At Christie we help our customers create and share the world's best visual experiences.

**CHRISTIE®**

Christie Mirage 4K25		Christie Mirage 4K35	
Image	brightness	• 10,000 center lumens (9000 ANSI lumens) – 2.0kW lamp • 18,000 center lumens (16,000 ANSI lumens) – 3.0kW lamp	• 29,000 center lumens (27,000 ANSI lumens) – 4.5kW lamp
		• 25,000 center lumens (22,500 ANSI lumens) – 3.0kW SD lamp	• 35,000 center lumens (32,500 ANSI lumens) – 6.0kW lamp
	contrast	• 2000:1 (full on/off)	
Display	type	• 4K (4096 x 2160) • 3-chip 1.38" DMD™ • Supports 4096 x 2160 (24-120Hz) and 3840 x 2160 (24-120Hz) • HDCP compliant	
Lamp <sup>1</sup>	type	• Xenon bubble	
	estimated life	• 2.0kW lamp CDXL-20 3500 hrs • 3.0kW lamp CDXL-30 2500 hrs	• 4.5kW lamp CDXL-45 900 hrs • 6.0kW lamp CDXL-60 750 hrs
Input signals	4K resolution, 120Hz frame rate	<b>4 x Twin DisplayPort input card (standard):</b> • DisplayPort 1.1a via 8 frame-locked L/R 60Hz signals, combined 120Hz output: 4:4:4 8-/10-bit, 4:2:2 8-/10-/12-bit • DisplayPort 1.1a via 4 frame-locked 120Hz, signals in, 120Hz output: 4:4:4 8-/10-bit, 4:2:2 8-/10-/12-bit via 4 frame-locked 120Hz signals <b>Optional Twin HDMI input card (4 required): via 8 frame-locked L/R 60Hz signals, combined 120Hz output:</b> • 4:4:4 8-/10-bit, 4:2:2 8-/10-/12-bit <b>Optional Dual Link DVI-D (4 required):</b> via 4 120Hz signals in, 120Hz output; RGB 8-bit	
	optional for 60Hz input 120Hz output frame doubled <sup>2</sup>	<b>2 x Twin DisplayPort input card (standard):</b> 2 x DisplayPort 1.1a, 60Hz, 4:4:4 8-/10-bit <b>Optional 2 x or 4 x DVI (Dual Link) Input Card:</b> 60Hz, RGB 8-bit <b>Optional 4 x 3G HD-SDI:</b> 60Hz, 4:2:2 10-bit	
Signal outputs	loop-out	• Standard Twin DisplayPort input card • Optional Dual 3G HD-SDI input card • Optional Twin HDMI input card	
Control and networking		• RS-232 • Ethernet (10/100) RJ45 with ChristieNET™ connectivity • Detachable LCD control module	
Lenses	fixed	• 0.72:1* • 0.9:1**	
	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 • 5.43-17.69:1***	
	offsets	• All lenses ±13% Vertical ±4% Horizontal except those noted below *No offset **0.9:1 fixed lens ±29% Vertical ±9% ***1.13-1.31:1 and 5.43:1-17.69:1 zoom lenses ±56% Vertical ±19%	
Accessories	standard	• Detachable LCD control module • AC line cord for projector head • Christie Twist™ software <sup>3</sup>	
	optional	• Detached 7kW low-ripple switch mode lamp ballast • 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 Pro software <sup>3</sup> • Emitter (standard range) • Emitter (long range) • Active 3D eyewear • Passive stereoscopic modulator • Passive 3D eyewear	
Lens mount	type	• Tool-free lens insertion system • Boresight adjustable • Motorized horizontal and vertical lens offset • Motorized zoom and focus adjustment	
Power requirements	projector	• Operating voltage: Single phase 200-240 VAC @ 50/60Hz • Operating current: 23A max @ 200V	
	ballast	• NA	• 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 (LxWxH): 51.1 x 25.5 x 19.0" (1299 x 648 x 480mm) with lens cover	• 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 (LxWxH): 60.4 x 36 x 28.5" (1535 x 914 x 724mm) with lens cover	• 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 273lbs (124kg)	• Projector head 251lbs (114kg) • Ballast 89lbs (40.5kg)
	shipping weight	• Projector 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 approvals		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 • FCC, Part 15, Subpart B, Class A • ICES/NMB003 (A) • EN55022/CISPR22 Class A • EN55024/CISPR24 • The product is designed to comply with the rules and regulations required for the product to be sold in various regional markets, including: USA/Canada, EU, Argentina, Brazil, Australia/New Zealand, Kuwait, China, Korea, Japan, Hong Kong, Mexico, Ukraine, Russia, India, South Africa, Singapore, UAE, 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	

<sup>1</sup> Lamp is included, but lamp choice must be specified at the time of order. <sup>2</sup> Also compatible with a variety of 24-60Hz 2D formats.

<sup>3</sup> Christie Twist/Twist Pro warp/blend/scale functionality is included in hardware, but not available until new firmware is released in Q1-2014.

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