

CHRISTIE XP SERIES LED

Corporate | Government | Theme parks and attractions | Museums | Energy and utilities

Exceptional colors, grayscale precision, and superior performance at any brightness level from 0.9mm to 3.8mm pixel pitch.

Powered by



Key benefits

Christie® XP Series LED is designed to deliver precise color accuracy and outstanding grayscale fidelity for unmatched visuals at any brightness level, so your content appears exactly as intended, whether it's a dark ride, mission-critical control room, or premium corporate.

Powered by VividLife

Engineered with advanced hardware, intelligent processing, pixel-perfect calibration, and an incredibly intuitive web interface, Christie VividLife™ LED video processing platform powers XP Series to offer low-brightness rendering, precise color and brightness uniformity across the display.

Engineering excellence you can rely on

XP Series LED is backed by an industry-leading 10-year limited warranty.

- › **Exceptional image quality:** P3 color, 24-bit processing, and 7,680 Hz high-speed refresh for stunning, true-to-life images and flicker-free performance
- › **Reduced total cost of ownership:** Built with flip-chip technology, XP Series offers excellent energy efficiency.
- › **Take control of your LED:** With the VividLife UI, you can manage, monitor, and fine-tune performance remotely, including color optimizations, diagnostics, and receive instant alerts
- › **Built for the world's most demanding applications** with TAA compliance, mission-critical 24/7 operation, and automatic calibration
- › **Flexible design options:** Available in a wide range of pixel pitches with options for landscape and portrait cabinets, and supports curved installations
- › **High-bandwidth connectivity:** Including 40 Gbits QSFP fiber, daisy-chain Cat6 Cabinet Link, and supports multiple connectivity options



CHRISTIE®

Preliminary technical specifications		XP0.9	XP1.25	XP1.5	XP1.8	XP2.5	XP3.8
Display technology	pixel pitch	• 0.9375mm	• 1.25mm	• 1.56mm	• 1.87mm	• 2.5mm	• 3.75mm
	LED technology	• Flip-chip SMD					
	low calibrated brightness	• 500 nits	• 500 nits	• 400 nits	• 400 nits	• 400 nits	• 400 nits
	maximum calibrated brightness (cd/m ²)	• 1,000 nits	• 1,000 nits	• 800 nits	• 800 nits	• 800 nits	• 800 nits
	resolution (w x h)	• 640 x 360px	• 480 x 270px	• 384 x 216px	• 320 x 180px	• 240 x 135px	• 160 x 90px
	cabinets to achieve Full HD (1920 x 1080) resolution	• 3x3	• 4x4	• 5x5	• 6x6	• 8x8	• 12x12
	aspect ratio	• 16:9 or 4:9					
	contrast ratio at 10 lux	• > 5,000:1					
	viewing angle	• ≥160°H, ≥160°V					
	input refresh rate	• 120 Hz					
	output refresh rate	• 7,680 Hz					
	scan rate	• ≤1/48	• 1/46	• 1/44	• 1/46	• 1/45	• 1/45
	color temperature	• 2,700–9,500 K					
	grayscale	• 18-bit; 24-bit processing					
	color space	• P3 ≥ 95%					
color sampling	• 4:4:4						
LED lifespan (50% brightness)	• 100,000 hours						
Connectivity	inputs	• Christie Link E1000 video wall controller • 2 x HDMI 2.0 (HDCP 2.2), 2 x DisplayPort 1.2 (HDCP 2.2)					
	data transmission connection	• Through 40 Gbits QSFP+ optical fiber for long or copper cables for shorter distances					
	signal configurations	• Ethernet connectivity for daisy chaining and/or link redundancy over Cat5e/Cat6 cabling					
	outputs	• Single 4K/60 Hz, or • Dual 4K/60 Hz (4K/120 Hz), or • Dual 2K x 2K/120 Hz, or • Dual 4K/60 Hz in 3D mode (60 Hz per eye)					
	control monitoring	• Christie Octroller: 2 x QSFP+ (Bi-directional), 8 X RJ45 Ethernet • 1 x RJ45 Ethernet, USB (RS232 via dongle) • Ethernet based SNMP monitoring					
Power	power input rating	• 100–240 VAC					
	power consumption	• 300W/m ² at 800 nits (maximum), 140W/m ² at 800 nits (typical) • 190W/m ² at 400 nits (maximum), 100W/m ² at 400 nits (typical)					
	featuring	• AC power with optional redundant AC power supply • N+1 redundancy, hot-swappable rectifiers with remote power option only					
Environment	operating temperature	• 32–104 F (0–40 C)					
	operating humidity	• 10–90% RH non-condensing					
	storage temperature	• 77–158 F (25–70 C)					
	environment	• Indoor only					
Physical	IP rating	• Front: IP40; Bottom: IP20; Rear: IP00					
	LED module size	• 150 x 337.5 mm or 300 x 337.5 mm					
	cabinet dimensions	• Landscape: 600 x 337.5 x 30 mm • Portrait: 300 x 675 x 30 mm					
	cabinet weight	• 25 kg/m ²					
	cabinet material	• Die-cast aluminum					
	service access	• Front serviceable					
	install options	• Flat, concave, convex faceted curves					
	additional features	• TAA-compliant, ADA-compliant, automatic color and brightness matching, automatic cabinet mapping via software application, high bandwidth connection supporting up to 4K/120 Hz sources over long reach fiber, cableless interconnect modules, Cable Link (CL) included					
Certifications	• UL60950, FCC, CE						
Warranty	• 10-year parts and labor limited warranty. Contact an authorized Christie representative for full details.						

*Some features and pixel pitches may not be available. Please contact your Christie sales rep for up-to-date info about the product. For the current status of the listed certifications, please contact an authorized Christie representative. Performance specifications are typical. Due to constant research and product development, all specifications mentioned above are preliminary and are subject to change without notice.

Learn more at christiedigital.com/XP-LED

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