CHRISTIE
M 4K25 RGB/M 4K+25 RGB

Live events and projection mapping | Auditoriums and conference centers | Planetariums and museums | Theme park attractions
Sports venues | Hospitality and tourism

An icon, re-imagined

How do you improve on your most iconic projector series? Go beyond what everyone believes is possible, that's how.

The Christie® M 4K RGB Series re-imagines and reinvents the rugged and reliable M Series industry workhorse with innovative, cutting-edge RGB pure laser technology.

Boasting 25,300 lumens in an very small form factor, the M 4K25 RGB and M 4K+25 RGB models offer 4K UHD (3840 x 2160) and 4K+ UHD (3840 x 2400) resolution, quiet operation, plus double the color, and quadruple the resolution of our legacy M Series.

With a field-replaceable laser optical system (LOS) and the ability to maintain up to 50,000 hours of continuous light output at 60% brightness, the M 4K RGB Series enables excellent performance in the most demanding and long-life applications.

Why choose the M 4K RGB series?

- An expanded color gamut that produces ~98% of the Rec. 2020 color space for rich, vibrant and true-to-life visuals.
- Our TruLife+™ electronics platform provides 'all-in' connectivity, eliminating the hassle of removable option cards.
- Electronic color convergence (ECC) allows you to select red, green, or blue individually and converge via remote control.
- Compatible with legacy M, J, and Crimson Series projector lenses and the legacy M Series rigging frame.
- Our proprietary LiteLOC™ technology automatically manages brightness over time in higher ambient temperatures and more humid environments to ensure your presentation is the same as day-one.

https://www.christiedigital.com/m4k

CHRISTIE®

Technical specifications		Christie M 4K25 RGB	Christie M 4K+25 RGB
Image	brightness	• 25,300 ISO lumens • 22,500 ANSI[1,2]	
	contrast	• 2700:1 On/Off • 6000:1 On/Off[3] with optional UHC lenses	• 2200:1 On/Off • 4900:1 On/Off[3] with optional UHC lenses
Display technology	type	• Dust-sealed 3DLP® (0.95")	• Dust-sealed 3DLP® (0.96")
	resolution	• 3840 x 2160 precision pixel shifted (4K UHD) • 1920 x 1080 native	• 3840 x 2400 precision pixel shifted (4K UHD+) • 1920 x 1200 native
Sound		• 46.7 dBA[4,5]	
Illumination	type	• Solid state pure RGB (red, green & blue) laser optical system (LOS)	
	performance	• 25,000 hours to 50% brightness when operated at 100% brightness[6] • 50,000 hours of 50% brightness when operated at 60% brightness[6]	
	color performance	• 98% coverage of the Rec. 2020 color gamut	
	field replaceable	• Yes	
Orientation		• Omnidirectional	
Image processing		• Christie TruLife+™ electronics, 1.2Gpx/s	
Frame rates	standard	• 24-60Hz	
	optional	• Mirage option: 96-120Hz 4K in 2D or 3D @ 60Hz per eye • Mirage Pro option: Mirage + 240-480Hz HD scaled	
Inputs	standard	• HDMI 2.1 • HDMI 2.0 (x2) • DisplayPort (DP) 1.4 (x2) • DisplayPort (DP) 1.2 (x2) • 12G-SDI (Micro BNC) (x4) • Christie Link Fiber (QSFP+) for use with Christie Link Transmitter (1 input/1 output) • SDVoE (Christie Terra®) • 3D Sync (1 input/1 output)	
User controlled warping and blending	standard	• Christie Twist™ (software can be downloaded at no extra charge)	
	optional	• Christie Twist Premium and Twist Pro	
Automated warping and blending	standard	• Mystique™ Lite (software can be downloaded at no extra charge and requires an off-the-shelf web/Ethernet camera.)	
	optional	• Mystique Essentials • Mystique ProAV • Mystique Large Scale Experience Edition • Mystique Premium Edition	
Multi-projector management	optional	• Christie Conductor software monitors and controls up to 256 projectors and can be downloaded at no extra charge	
Lenses	standard	• 0.37:1 Ultra short throw fixed lens - ILS1 • 0.67:1 - Fixed Lens - ILS1 • 0.8-1.16:1 Zoom Lens - ILS1 • 1.1:1 - Fixed Lens - ILS1 • 1.16-1.49:1 Zoom Lens - ILS1 • 1.4-1.8:1 Zoom Lens - ILS1 • 1.8-2.6:1 Zoom Lens - ILS1 • 2.6-4.1:1 Zoom Lens - ILS1 • 4.1-6.9:1 Zoom Lens - ILS1[7] • 6.9-10.4:1 Zoom Lens - ILS1[7]	
	ultra high contrast (UHC)	• 0.67:1 - UHC Fixed Lens - ILS1 • 0.8-1.16:1 UHC Zoom Lens - ILS1 • 1.28-1.87:1 UHC Zoom Lens - ILS1	
Power	line voltage	• 200-240 VAC, 9A, 50/60 Hz Single phase • Limited brightness mode [8]: 100-120 VAC, 12A, 50/60 Hz (half brightness) • Connector: IEC C14 PDU AC inlet (IEC C13 locking cord)	
	power consumption	• 1800W max (6,140 BTU/hr) • 1540W typical (5,250 BTU/hr)	
Cooling		• Liquid, self-contained	
Laser class		• Class 1 — Risk Group 3 • Class 1 — Risk Group 2 only when operated in low line mode at 100-120 VAC using 0.37:1, 0.67:1, 0.8-1.16:1 lenses.	
Operating environment		• 41-104 F (5-40 C) • Relative humidity: 10-80% non-condensing	
Dimensions	size (LxWxH)	• 24.3 x 20.7 x 10.6" - (617 x 525 x 270 mm)[9]	
	weight	• 92 lbs. (41.7 kg)[9]	
Warranty		• Three years parts and labor • Reference the Christie Standard Limited Warranty document for details • Or contact an authorized Christie representative for full details of our limited warranty	

[1] D65 white point measured at 73.4 F (23 C).
[2] Standard fan mode.
[3] Brightness is reduced by up to 15% with use of ultra high-contrast lenses.
[4] 46.7 dBA in quiet fan mode at 73.4 F (23 C)
[5] 49.4 dBA in standard fan mode at 73.4 F (23 C)
• Sound pressure measurement, measuring conditions, and method of notation all comply with ISO 7779:1999.
[6] To 50% brightness. Based on 9-point average (results may vary depending on environmental conditions i.e., ambient temperature, humidity, dust, smog, or other contaminants.)
[7] New or legacy M, J, and Crimson Series projector lenses require lens hood extension for Class 1 RG3.
[8] Power cord not included for limited brightness mode
[9] Without lens.

For the most current specification information, please visit christiedigital.com

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