

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 a very small form factor, the M 4K25 RGB and M 4K+25 RGB offer 4K UHD and 4K UHD+ resolution, quiet operation, plus double the color, and quadruple the resolution of our legacy M Series.

With the ability to maintain 25,000 hours of continuous light output at 100% brightness and a field-replaceable laser optical system, these models deliver excellent long-life performance in the most demanding 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 to ensure your presentation is the same as day-one.
- › The M 4K+25 RGB features Christie Precision Pixel-Shifting technology, which enables superior, detailed, artifact-free 4K UHD+ performance in comparison to other pixel-shifting systems.



Technical specifications		Christie M 4K25 RGB	Christie M 4K+25 RGB
Image	brightness ^{1,2}	<ul style="list-style-type: none"> • 25,300 ISO lumens • 22,500 ANSI lumens 	
	contrast	<ul style="list-style-type: none"> • 2700:1 On/Off • 6000:1 On/Off³ with optional UHC lenses 	<ul style="list-style-type: none"> • 2200:1 On/Off • 4900:1 On/Off³ with optional UHC lenses
Display technology	type	• Dust-sealed 3DLP (0.95")	
	resolution	<ul style="list-style-type: none"> • 3840 x 2160 precision pixel shifted (4K UHD) • 1920 x 1080 native 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 25,000 hours to 50% brightness when operated at 100% brightness⁶ • 50,000 hours to 50% brightness when operated at 60% brightness⁶ 	
	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	• 24-60 Hz	
	optional	<ul style="list-style-type: none"> • Mirage option: 96-120 Hz 4K in 2D or 3D at 60 Hz per eye • Mirage Pro option: Mirage + 240-480 Hz HD scaled 	
Inputs	standard	<ul style="list-style-type: none"> • 1 x HDMI 2.1 • 2 x HDMI 2.0 • 2 x DisplayPort 1.4 • 2 x DisplayPort 1.2 • 4 x 12G-SDI (Micro BNC) • Christie® Link 1 input/1 output (2x Fiber/QSFP+) • 3D Sync (1 input/1 output) 	
User controlled warping and blending	standard	• Christie Twist™ (complimentary software download)	
	optional	• Twist Premium and Twist Pro	
Automated warping and blending	standard	• Christie Mystique™ Lite (Complimentary software download. Requires an off-the-shelf web/Ethernet camera.)	
	optional	• Mystique - Essentials, Pro Venue, Premium & Large Scale Experience Editions	
Multi-projector management	optional	• Christie Conductor software monitors and controls up to 256 projectors (complimentary software download)	
Lenses	standard	<ul style="list-style-type: none"> • 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 - ILS1⁷ • 6.9-10.4:1 zoom lens - ILS1⁷ 	
	ultra high contrast (UHC)	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 200-240 VAC, 9A, 50/60 Hz single phase • Low line power mode⁸: 100-120 VAC, 12A, 50/60 Hz (half brightness) • Connector: IEC C14 PDU AC inlet (IEC C13 locking cord) 	
	power consumption	<ul style="list-style-type: none"> • 1,800 W max (6,140 BTU/hr) • 1,540 W typical (5,250 BTU/hr) 	
Cooling		• Liquid, self-contained	
Laser class		<ul style="list-style-type: none"> • Class 1 — Risk Group 3 • Class 1 — Risk Group 2 only when operated in low line power mode at 100-120 VAC using 0.37:1, 0.67:1, 0.8-1.16:1 lenses. 	
Operating environment		<ul style="list-style-type: none"> • 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	
	shipping size (LxWxH)	• 37 x 31 x 25" (940 x 787 x 635 mm)	
	weight	• 92 lbs (41.7 kg) ⁹	
	shipping weight	• 145 lbs (65.8 kg)	
Warranty		<ul style="list-style-type: none"> • 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 Brightness level is +/- 10%. 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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