

# 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.

Introducing the smallest, lightest, quietest, all-in-one RGB pure laser projector on the market. 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.

With 25,300 lumens and an incredibly small form factor, the versatile M 4K RGB Series is a new peak of perfection for our 3DLP® RGB pure laser projection technology. The new M 4K RGB Series is ultra-quiet and features double the brightness, double the color, and quadruple the resolution over 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 50% 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) gives you the ability to select red, green, or blue individually and converge via remote control from the screen or event floor.
- › The intelligent lens system (ILS1) is compatible with legacy M, J, and Crimson Series projector lenses.
- › 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.



**CHRISTIE®**

Technical specifications		Christie M 4K25 RGB	Christie M 4K+25 RGB
Image	brightness	<ul style="list-style-type: none"> <li>• 25,300 ISO lumens</li> <li>• 22,500 ANSI<sup>1,2</sup></li> </ul>	
	contrast	<ul style="list-style-type: none"> <li>• 3000:1 On/Off</li> <li>• 7000:1 On/Off<sup>3</sup> with optional UHC lenses</li> </ul>	<ul style="list-style-type: none"> <li>• 2500:1 On/Off</li> <li>• 5900:1 On/Off<sup>3</sup> with optional UHC lenses</li> </ul>
Display technology	type	• Dust-sealed 3DLP® (0.95")	• Dust-sealed 3DLP® (0.96")
	resolution	<ul style="list-style-type: none"> <li>• 3840 x 2160 precision pixel shifted (4K UHD)</li> <li>• 1920 x 1080 native</li> </ul>	<ul style="list-style-type: none"> <li>• 3840 x 2400 precision pixel shifted (4K UHD+)</li> <li>• 1920 x 1200 native</li> </ul>
Sound		• 46.7 dBA <sup>4,5</sup>	
Illumination	type	• Solid state pure RGB (red, green & blue) laser optical system (LOS)	
	performance	<ul style="list-style-type: none"> <li>• 25,000 hours<sup>6</sup></li> <li>• 50,000 hours of continuous light output at 50% brightness</li> </ul>	
	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	<ul style="list-style-type: none"> <li>• Mirage option: 96-120Hz 4K in 2D or 3D @ 60Hz per eye</li> <li>• Mirage Pro option: Mirage + 240-480Hz HD scaled</li> </ul>	
Inputs	standard	<ul style="list-style-type: none"> <li>• 4 x 12G-SDI</li> <li>• 2 x HDMI 2.0</li> <li>• 2 x DisplayPort 1.2</li> <li>• Fiber (QSFP+) for use with optional Christie Link Transmitter (1 input/1 output)</li> <li>• HDBaseT</li> <li>• 3D sync (in/out)</li> <li>• Audio out</li> </ul>	
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 Pro Venue • Mystique Large Scale Experience 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	<ul style="list-style-type: none"> <li>• 0.37:1 UST Fixed Lens - ILS1</li> <li>• 0.67:1 - Fixed Lens - ILS1</li> <li>• 0.8-1.16:1 Zoom Lens - ILS1</li> <li>• 1.1:1 - Fixed Lens - ILS1</li> <li>• 1.16-1.49:1 Zoom Lens - ILS1</li> <li>• 1.4-1.8:1 Zoom Lens - ILS1</li> <li>• 1.8-2.6:1 Zoom Lens - ILS1</li> <li>• 2.6-4.1:1 Zoom Lens - ILS1</li> <li>• 4.1-6.9:1 Zoom Lens - ILS1<sup>7</sup></li> <li>• 6.9-10.4:1 Zoom Lens - ILS1<sup>7</sup></li> </ul>	
		ultra high contrast	<ul style="list-style-type: none"> <li>• 0.67:1 - UHC Fixed Lens - ILS1</li> <li>• 0.8-1.16:1 UHC Zoom Lens - ILS1</li> <li>• 1.28-1.87:1 UHC Zoom Lens - ILS1</li> </ul>
	Power	line voltage	<ul style="list-style-type: none"> <li>• 200-240 VAC, 9A, 50/60 Hz Single phase</li> <li>• Limited brightness mode: 100-120 VAC, 12A, 50/60 Hz at half brightness<sup>8</sup></li> <li>• Connector: IEC C14 PDU AC inlet (IEC C13 locking cord)</li> </ul>
	power consumption	<ul style="list-style-type: none"> <li>• 1540W typical (5,250 BTU/hr)</li> <li>• 1800W max (6,140 BTU/hr)</li> </ul>	
Cooling		• Liquid, self-contained	
Laser class		• Class 1 – Risk Group 3	
Operating environment		<ul style="list-style-type: none"> <li>• 41-104 F (5-40 C)</li> <li>• Relative humidity: 10-80% non-condensing</li> </ul>	
Dimensions	size (LxWxH)	• 24.3 x 20.7 x 10.6" - (617 x 525 x 270 mm) <sup>9</sup>	
	weight	• 92 lbs. (41.7 kg) <sup>9</sup>	

<sup>1</sup> D65 white point measured at 73.4 F (23 C).

<sup>2</sup> Standard fan mode.

<sup>3</sup> Brightness is reduced by up to 15% with use of ultra high-contrast lenses.

<sup>4</sup> 46.7 dBA in quiet fan mode at 73.4 F (23 C)

<sup>5</sup> 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.

<sup>6</sup> 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.)

<sup>7</sup> New or legacy M, J, and Crimson Series projector lenses require lens hood extension for Class 1 RG3.

<sup>8</sup> Power cord not included for limited brightness mode

<sup>9</sup> Without lens.

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

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