

CHRISTIE M 4K25 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 4K25 RGB re-imagines and reinvents the rugged and reliable M Series industry workhorse with innovative, cutting-edge RGB pure laser technology.

With 25,000 lumens and an incredibly small form factor, the versatile M 4K25 RGB is a new peak of perfection for our 3DLP® RGB pure laser projection technology. The new M 4K25 RGB is ultra-quiet and features double the brightness, double the color volume capability, 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 4K25 RGB enables excellent performance in the most demanding and long-life applications.

Key features

- › 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

Image	brightness	<ul style="list-style-type: none"> • 25,000 ISO lumens • 22,500 ANSI^{1,2}
	contrast	<ul style="list-style-type: none"> • 3000:1 On/Off² • Up to 7000:1 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 (UHD 4K) • 1920 x 1080 native
Sound		• 46.5 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 hours⁶ • Up to 50,000 hours of continuous light output at 50% brightness
	color performance	• Up to 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"> • Mirage option: 96-120Hz 4K in 2D or 3D @ 60Hz per eye • Mirage Pro option: Mirage + 240-480Hz HD scaled
Inputs	standard	<ul style="list-style-type: none"> • 4 x 12G-SDI • 2 x HDMI 2.0 • 2 x DisplayPort 1.2 • Fiber (QSFP+) for use with optional Christie Link Transmitter (1 input/1 output) • HDBaseT • 3D sync (in/out) • Audio out
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
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"> • 0.37:1 ILS1 lens • 0.67:1 ILS1 lens • 0.8-1.16:1 ILS1 lens • 1.1:1 ILS1 lens • 1.16-1.49:1 ILS1 lens • 1.4-1.8:1 ILS1 lens • 1.8-2.6:1 ILS1 lens • 2.6-4.1:1 ILS1 lens • 4.1-6.9:1 ILS1 lens⁷ • 6.9-10.4:1 ILS1 lens⁷
	ultra high contrast	<ul style="list-style-type: none"> • 1.28-1.87:1 ILS1 lens • 1.87-2.56:1 ILS1 lens
Power	line voltage	<ul style="list-style-type: none"> • 200-240 VAC 9A 50/60 Hz Single phase • Limited brightness mode: 100-120 VAC 12A 50/60 Hz at half brightness • Connector: IEC C14 PDU Locking Cord (IEC C13 compatible)
	power consumption	• 1800W max (8,870 BTU/hr)
Cooling		• Liquid, self-contained
Laser class		• Class 1 – Risk Group 3
Operating environment		<ul style="list-style-type: none"> • 5-40°C (41-104°F) • Relative humidity: 10-80% non-condensing
Dimensions	size (LxWxH)	• 24.3 x 20.7 x 10.6" - (617 x 525 x 270 mm) ⁸
	weight	• 92 lbs. (41.7 kg) ⁸

¹ D65 white point measured at 23°C (73.4°F).

² Standard fan mode.

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

⁴ Standard fan mode, up to 26°C, 15,600 ISO / 14,000 ANSI lumens or lower.

⁵ Standard fan mode, full brightness, 48 dBA at 22°C, 51.5 dBA at 26°C, 58.5 dBA at 29°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 Without lens.

Specifications subject to change without notice

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

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