

CHRISTIE MIRAGE 4K32-RGB

Automotive and industrial design | Museums | Planetariums and domes
Projection mapping | Theme parks and attractions | Visualization

Pure laser. Pure image fidelity.

The Christie® Mirage 4K32-RGB features 34,000 lumens, 4K resolution, new Christie TruLife+™ electronics and our proprietary RGB pure laser illumination technology for spectacular visualization, high frame rate and 3D experiences.

Engineered excellence

Featuring our new TruLife+ electronics platform, Mirage 4K32-RGB delivers all-in-one connectivity, which eliminates the hassle of removable option cards. It also offers our new digital convergence that you can adjust via remote control for easy, picture-perfect alignment. Add the projector's compact, all-in-one chassis, omnidirectional versatility, quiet operation of less than 46dBA at full brightness, and 220-volt single-phase power, and you have an engineering marvel designed for high performance and installation flexibility.

Pristine visuals

RGB pure laser illumination technology offers a leap forward in color. Mirage 4K32-RGB produces an exceptionally wide color gamut, achieving >96% of the Rec. 2020 color space—more than twice the color of Rec. 709 and 50% more than DCI-P3-capable projectors—for an enhanced audience experience.

Mirage 4K32-RGB supports frame rates of native 4K at 120Hz and 240-480Hz at 2K resolution, delivering unrivaled, blur-free, dynamic visual experiences. This, combined with trusted Mirage Series 3D capability, the expansive Rec. 2020 color palette, and high-contrast RGB pure laser illumination technology, results in detail-rich visualization performance, lifelike 3D experiences, and a new level of immersive storytelling in themed attractions.



CHRISTIE®

Technical specifications

Christie Mirage 4K32-RGB

Image	brightness	<ul style="list-style-type: none"> • 34,000 ISO lumens • 30,000 ANSI lumens¹ • 31,000 center lumens
	contrast	<ul style="list-style-type: none"> • 5000:1 On/Off²
Display technology	type	<ul style="list-style-type: none"> • Dust-sealed 3DLP® (1.38")
	resolution	<ul style="list-style-type: none"> • 4096 x 2160 (4K)
Sound		<ul style="list-style-type: none"> • <46dBA at full brightness
Illumination	type	<ul style="list-style-type: none"> • RGB (red, green & blue) pure laser
	performance	<ul style="list-style-type: none"> • 25,000 hours³
Orientation		<ul style="list-style-type: none"> • Omnidirectional
Image processing		<ul style="list-style-type: none"> • Christie TruLife+ electronics, 1.2Gpx/s
Frame rates		<ul style="list-style-type: none"> • 24-120Hz standard • Optional 240-480Hz 2K scaled
Inputs	standard	<ul style="list-style-type: none"> • 4 x 12G-SDI • 2 x HDMI 2.0 • 2 x DisplayPort 1.2 (HBMIC) • Fiber (QSFP+) for use with Christie Link Transmitter (1 input/1 output) • HDBaseT • Terra® (SDVoE) • Audio out
Warping and blending	standard	<ul style="list-style-type: none"> • Christie Twist™
	optional	<ul style="list-style-type: none"> • Christie Twist Premium and Twist Pro • Christie Mystique™ • Christie Guardian
Lenses (available in standard and high contrast)		<ul style="list-style-type: none"> • 0.38:1 UST • 0.72:1 • 0.9:1 • 1.13-1.31:1 • 1.31-1.63:1 • 1.63-2.17:1 • 1.99-2.71:1 • 2.71-3.89:1 • 3.89-5.43:1 (not available in the USA)
Input line voltage		<ul style="list-style-type: none"> • Single phase 200-240 VAC, 16A, 3200W, 10,920 BTU/hr • Connector: 30A IEC60320 C20 Inlet
Cooling		<ul style="list-style-type: none"> • Liquid, self-contained
Laser class		<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • (LxWxH): 36.3 x 25 x 15" (922 x 635 x 380mm) not including lens
	weight	<ul style="list-style-type: none"> • 175 lbs (79.4kg)

¹ (typical) @ 25°C

² Using ultra high contrast lens

³ to 50% brightness

Key features

- › **All-in-one, compact design** – No external chillers or laser racks, and a manageable weight of 175lbs makes it the smallest and lightest high-brightness RGB laser projector available
- › **Digital convergence** – Easily adjust convergence using the remote control to maintain a perfect image
- › **Omnidirectional** – Operates in any orientation for unlimited installation flexibility
- › **Christie TruLife+ electronics** – Delivers high frame rate video of 120fps at 4K for detail-rich visuals and 3D processing, and the option of 240-480fps at 2K resolution
- › **Quiet operation** – Operates below 46dBA at maximum brightness
- › **Expanded color gamut** – Produces >96% of the Rec. 2020 color space for rich, vibrant and true-to-life visuals
- › **Energy efficient** – Operates on 220V single-phase power for lower cost of ownership
- › **Christie Twist** – Built-in image warping and multi-projector blending software
- › **4K lens compatibility** – Compatible with most Christie 4K lenses
- › **Field replaceable RGB laser light source** – For easy service and replacement

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

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