

Christie Mirage SST

Dome theaters
Giant screens
Museums
Planetariums
Sports venues
Theme park attractions



Ultimate design freedom. Spectacular visual experiences.

The Christie® Mirage SST RGB laser projection system features a fiber-coupled, ultra-compact projector head and Christie TruLife™ electronics. Engineered specifically for complex applications, the Mirage SST combines unmatched system-design flexibility with incredible image fidelity.

Design and installation freedom

With its innovative fiber-coupled head, the Mirage SST provides several design and installation advantages. Its small form factor allows it to be installed independently or as part of a multi-projector array into tight, challenging environments. The remote light source also allows the chilling equipment to be located where noise won't impact show quality.

Unprecedented high frame rate performance

Featuring TruLife electronics, the Mirage SST delivers high frame rates of 120fps at 4K resolution for detail-rich visuals. For customers requiring higher frame rates, a license can be purchased enabling an astounding 480fps at 2K resolution.

Expansive gamut for deep, highly-saturated colors

Achieving greater than 90% of Rec. 2020, the Mirage SST gives content creators an entirely new palette to choose from while audiences benefit from natural, true-to-life visuals. Ideal for planetariums, domes, and theme park attractions, the Mirage SST enables the next generation of entertainment experiences.

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Preliminary specifications		Christie Mirage SST
Image	brightness	• 30,000 ANSI (typical) at 25°C
	contrast	• 5000:1 (with high-contrast lens)
Display technology	type	• 3DLP® 1.38" sealed to the prism
	resolution	• 4096 x 2160 (4K)
Illumination	type	• RGB Laser (solid-state illumination)
	typical lifetime	• 30,000 hrs to 80% brightness
Orientation		• Omnidirectional (projection head)
Image processing		• Christie TruLife electronics, 1.2Gpx/s
Frame rates		• 24-120Hz standard • Optional 240-480Hz @ 2K scaled
Inputs	standard	• 2 x 12G-SDI • 1 x HDMI 2.0 • 1 x DisplayPort 1.2 (HBMIC) • 1 x Fiber (QSFP+) for use with Christie Link Transmitter • HDBaseT
	optional	• Dual 3G SD/HD-SDI input card • Dual Link DVI input card • Quad DisplayPort input card • Twin HDMI input card • Terra (SDVoE) Input Card
Lenses		• 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 ¹
Input line voltage	projector head	• 100-240 VAC @ 50-60Hz 5A • Connector: Nema 5-15
	laser unit	• 200-240 VAC @ 50-60Hz • Connector: L6-30
Cooling		• Liquid, self-contained (projection head)
Laser class		• Class 1 – Risk Group 3
Operating environment		• Ambient temperature: 5-40°C (41-104°F) • Relative humidity: 10-80% non-condensing
Dimensions		Projector head
	size (not including lens)	• (LxWxH): 26.8 x 23.5 x 12" (680 x 597 x 305mm)
	weight	• 110lbs (50kg)
		Laser unit
		• (LxWxH): 30.6 x 31.7 x 25.7" (777 x 804 x 653mm)
		• 330lbs (150kg)
Fiber length		• Standard 33 feet (10 meters). Other lengths also available.
Sound level		• TBD

¹Not available in USA.

Key features:

- › **Fiber-coupled, ultra-compact and lightweight projection head** - Unmatched system design freedom and installation flexibility
- › **Christie TruLife electronics** - Powerful processing that delivers high frame rate video of 120fps at 4K for detail-rich visuals and 3D processing
- › **Expanded color gamut** - Delivers >90% of Rec. 2020 color space
- › **High contrast** - Achieves 5,000:1 On/Off contrast with high-contrast lens
- › **Long-lasting, whisper-quiet, reliable light source** - 30,000 hours of optimal brightness performance
- › **Omnidirectional** - Can be installed in any orientation
- › **Compatible with Christie Mystique™** - Simplifies the design, installation and maintenance of multi-projector arrays and complex screen setups
- › **Supports Christie Guardian** - Invisible, real-time automatic blended-image correction even when content is playing

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