

CHRISTIE Mirage S+8K

Bright, Detailed Stereo Images in a Compact Package

Uses

Automotive
Oil & gas exploration
Scientific research
Aerospace
Engineering
Manufacturing
Museums and education
Architecture
Entertainment
Medical/pharmaceutical

The Christie Mirage S+8K produces a powerful 8000 lumens with 1500:1 contrast ratio for brilliant image quality and clarity from a compact, lightweight package. With increased processing power and internal edge-blending and optional warping – your 3D displays create impact.

Using next generation 3-chip DLP™ technology, high-quality optics and 10-bit image processing, the Christie Mirage S+8K is a quiet, powerful package offering unique features such as high-bandwidth signal processing, higher stereo sync, internal scaling of stereo signals, Picture in Picture and seamless switching between sources.

On-board ChristieNET™ connectivity makes monitoring and control as simple as plugging in an Ethernet cable. With a full suite of SXGA+ lenses and compatibility with legacy lenses and modules, the Christie Mirage S+8K easily fits into any 3D application.

Christie Mirage – recreate reality!



Christie Mirage S+8K

Specifications



Unique features such as high-bandwidth signal processing, higher stereo sync and internal scaling of stereo signals provide bright, detailed stereo images.

- Remote IR sensor
- Ethernet, RS-232, RS-422 cables
- Service manual
- KoRET™ 10-bit librarian
- Lens adapter (for competitive lenses)

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IMAGE

- 8000 ANSI lumens (+/- 10%)
- 90% brightness uniformity
- 450–600:1 ANSI, 1500–2000:1 full field (adjustable internal aperture)

DISPLAY TECHNOLOGY AND RESOLUTION

- 3D 3-chip 0.95" Darkchip2™ DMD
- True SXGA+ 1400 x 1050 resolution

INPUT SIGNAL COMPATIBILITY

- VGA to QXGA (2048 x 1536)
- All current HDTV/DTV formats
- Multi-standard video decoder
- Horizontal and vertical scaling, all inputs

SCAN RATES

- Horizontal – 15 kHz to 120 kHz
- Vertical – 23.97 Hz to 150 Hz

PIXEL CLOCK

- 220 MHz
- 115 Hz refresh rate at SXGA+ resolution
- 120 Hz refresh rate at SXGA resolution

LENS MOUNT

- Motorized horizontal and vertical offset
- Tool-free lens insertion system
- Scheimpflug (tilt) adjustment
- Built-in light shutter
- Internal electromechanical iris

LAMP

- 1.2kW CERMAX® Xenon pre-aligned lamp module
- 1000 hours (typical) lifetime

LIGHT OUTPUT CONTROL (LITELOC™)

- "Auto Brightness" (Intensity), "Lamp Conserve" (Power), "Max Brightness" modes

POWER REQUIREMENTS

- 200 VAC to 240 VAC +/- 10% @ 50/60 Hz
- Power consumption: 2000W maximum
- Thermal dissipation: 6825 BTU/hr
- Operating current: 10A @ 200V



Broad source compatibility, optional input module slots and on-board ChristieNET™ connectivity make the Christie Mirage S+8K extremely flexible.



Bright, detailed images from a lighter, more compact package than the previous Mirage series.

INPUTS, CONTROL & NETWORKING

- RGBHV/YPbPr: 5 BNC
- DVI-I: digital/analog RGB/YPbPr (HDCP)
- One composite video, one S-Video
- Two option slots for analog/digital modules
- 2 RS-232 ports and 1 RS-422 port
- On-board ChristieNET™ connectivity (RJ45)
- Built-in backlit keypad and IR remote control

ADVANCED FEATURE SET

- Stereo Sync Harness
- Built-in edge-blending
- Comprehensive Color Adjustment (CCA™)
- Dark Interval Adjustment (DIA™)
- Minimum Delay Feature
- Picture in Picture
- Seamless switching
- Auto set-up, power-up feature
- Menus in five languages
- On-screen help
- 50 channel memories

DIMENSIONS

- Weight: 75 lb (34.1 kg) (excluding lens)
- Shipping weight: 115 lb (52 kg)
- Size: 26" W x 22.3" L x 12.3" H (660mm W x 566mm L x 313mm H) (excluding lens)

STANDARD ACCESSORIES

- IR keypad (w/batteries)
- Line cord
- Stereo Sync Harness
- User manual

OPTIONAL ACCESSORIES

- Fixed lenses: 0.73:1, 1.2:1
- Zoom lenses: 1.45-1.8:1, 1.8-2.5:1, 2.5-4.5:1, 4.5-7.3:1
- ChristieTWIST™ Image Warping and Edge-Blending module
- Dual SD/HD-SDI, DVI and legacy interface modules
- Wired remote control and RS-422 Two Way Controller

OPERATING ENVIRONMENT

- Temp: 40 to 95° F (5 to 35° C)
- Humidity: 20 – 80% non-condensing

REGULATORY APPROVALS

- UL/CSA/IEC 60950 (3rd edition)
- FCC Class A, CE, CCC (pending)
- This product conforms to all relevant European directives, standards, safety, health and environmental concerns

WARRANTY

- 2 years parts and labor (including light engine)



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

