

Christie Mirage HD20K-J

Christie Mirage HD20K-J – HD (1920 x 1080) – 3-chip DLP® – Part number: 132-017121-XX

| | | |
|--|---|--|
| Image | brightness | • 18,000 ANSI lumens (20,000 center lumens) ±10% |
| | contrast | • 1600-2000:1 full field • 650:1 ANSI (typical) |
| | uniformity | • 80% brightness uniformity |
| Display | type | • 3-chip 0.95" DMD |
| | native resolution | • HD (1920 x 1080) |
| | frame delay | • As low as one frame |
| Lamp | type | • 3kW Xenon Bubble pre-aligned lamp module |
| | estimated life | • 750 hrs |
| Input | standard | • Slot 1-2 populated, standard: two Dual Link DVI-D (330 MHz) input cards (each has VGA (165 MHz) for 3D or dual input 3D compatibility) with HDMI 1.3 receiver • Slot 3-4 unpopulated |
| | optional | • Analog BNC • Dual-link DVI • SD/HD-SDI • Video Decoder • Twin HDMI • DMX512 interface card |
| | signals | • HDTV formats VGA through to WQXGA (2560 x 1600) • Accepts all current 2D HDTV/DTV formats (optional input module may be required) • HDMI 1.3 receiver supports mandatory HDMI 1.4a 3D modes of operation plus 24-144Hz triple flash 3D mode • Multi-standard video decoder • Horizontal and vertical scaling, all inputs |
| | pixel clock | • 330 MHz |
| | scan rates | • Horizontal: 15-120kHz • Vertical: 23.97-150Hz (frame lock maximum 120Hz) • 48-60Hz frame doubled or dual input 3D • 96-120Hz frame rate up to 1920 x 1200 • 24-144Hz triple flash 3D |
| Inputs/outputs, control and networking | • RS-232 in/out • RS-422 in • Ethernet (10/100) • GPIO (RS-232 9 Pin male connector) • Built-in backlit LCD keypad • Remote control (with optional wired XLR connection) | |
| Optical system | • Dust-sealed 3-chip DMD light engine • Motorized horizontal and vertical lens offset • Scheimpflug/Boresite (tilt) adjustment • Built-in light shutter • Tool-free lens insertion system | |
| Lenses | fixed | • 0.67:1 HD/WU ILS Lens* • 1.1:1 HD/WU ILS Lens |
| | zoom | • 1.16-1.49:1 HD/WU ILS Lens** • 1.4-1.8:1 HD/WU ILS Lens • 1.8-2.6 HD/WU ILS Lens • 2.6-4.1:1 HD/WU ILS Lens • 4.1-6.9:1 HD/WU ILS Lens • 6.9-10.4:1 HD/WU ILS Lens |
| | offsets ¹ | • All lenses ±120% Vertical ±54% Horizontal except those noted below * 0.67:1 fixed lens ±35%V ±12%H ** 1.16-1.49:1 zoom lens ±100%V ±40%H |
| Accessories | standard | • IR remote • Power cord • GPIO 3D sync cable |
| | optional | • 3kW Xenon lamp bare bulb kit • Bulb alignment tool • ILS lens adapter kit • CT lens mount • Yellow notch filter • Fog filters • Ceiling mount • Ceiling mount extension • Remote IR sensor |
| Enhanced feature sets | • Embedded Christie Twist™ • Intelligent Lens System (ILS™) • Advanced block artifact reduction • ChristieNET™ web interface • User-friendly, intuitive LCD keypad • Lamp memory module • User replaceable lamps • Advanced 10-bit processing • Automatic shut-off • Dust-sealed light engine • SNMP (simple network management protocol) • DHCP (dynamic host configuration protocol) • Liquid cooling • Setup lights • Hybrid stack • Compatibility with many legacy accessories | |
| Power requirements | operating voltage | • 200-240 VAC 50/60Hz |
| | operating current | • 20A @ 200V |
| | power | • 4000W |
| | dissipation | • 13,650 BTU/hr |
| Dimensions | size | • (LxWxH): 32 x 24.5 x 16.5" (815 x 621 x 419mm) |
| | shipping size | • (LxWxH): 41 x 32.5 x 29.5" (1041 x 825 x 749mm) |
| | weight | • 160lbs (72.5kg) (without lens) |
| | shipping weight | • 200lbs (91kg) |
| Operating environment | • Temperature: 40-104°F (5-40°C) • Humidity: 20-80% non-condensing | |
| Regulatory approvals | • Directives (EC) 2011/65/EU (RoHS); 2012/19/EU (WEEE); Regulation (EC) No. 1907/2006 (REACH) • CAN/CSA C22.2 No. 60950-1 • UL 60950-1 • IEC 60950-1 • FCC, Part 15, Subpart B, Class A • EN55022/CISPR22 Class A • EN55024/CISPR24 • The product is designed to comply with the rules and regulations required for the product to be sold in various regional markets, including: USA/Canada, EU, Argentina, Brazil, Australia/New Zealand, Kuwait, China, Korea, Japan, Hong Kong, Mexico, Ukraine, Russia, India, South Africa, Singapore, UAE, and Saudi Arabia | |
| Limited warranty | • Three years parts and labor (including light engine) • Contact an authorized Christie representative for full details of our limited warranty | |

¹ Values are for reference and should be validated with the Christie lens calculator.

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