

M-Vision LED 1000 WUXGA

1,000 ANSI Lumens | Contrast Ratio: 10,000:1 | Part No:114-473

M-VISION CINE LED SERIES DIGITAL PROJECTORS



THE VISIONARIES CHOICE

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| Colour System: R, G and B LEDs | DMD Specification: 1920 x 1200 pixels native. Fast transit pixels for smooth greyscale and improved contrast. |
| Display Type: 1 x 0.96" DarkChip™ DMD™ | Aspect Ratio: 16x10 Fill Factor 87% |

Key Features

Video & Graphics Processing

- 3rd Generation LEDs provide wide color gamut and deep color saturation.
- FastFrame™ Smear Reduction
- High Bandwidth Digital & Analogue Receiver with 10 Bit A-D.
- 24p and 1080p native display.
- BrilliantColor™ for increased system brightness.
- Adaptive Contrast with frame-by-frame content analysis.
- The projector automatically detects interlaced video and implements 3:2 or 2:2 extraction as appropriate, with pixel based, motion adaptive interpolation and auto cadence correction.
- Image enhancement for MPEG, Mosquito noise & Colour Transients in composite sources.

Source Compatibility:

HDMI including Deep Color™ processing.
Graphics standards up to 1920 x 1200 resolution at 60Hz via HDMI or VGA.
Component Video (SD and HD) via YPrPb, RGB or RGBS.
S-Video (PAL, NTSC & SECAM)
Composite Video (PAL, NTSC & SECAM)

Inputs/Outputs

| Video & Computer | | | Communication & Control | | |
|------------------|----------------|-----|-------------------------|-------------------|-----|
| Type | Connector | Qty | Type | Connector | Qty |
| HDMI 1.3 | HDMI | 2 | LAN | RJ45 | 1 |
| VGA / Analog RGB | 15-pin D-Sub | 1 | RS232 In | 9-pin D Sub | 1 |
| Component Video | 3 x RCA | 1 | RS232 Out | 9-pin D Sub | 1 |
| Component Video | 3 x BNC | 1 | IR Input | 3.5mm Stereo Jack | 1 |
| S-Video | 4-pin Mini DIN | 1 | 12V Trigger | 3.5mm Stereo Jack | 2 |
| Composite Video | RCA | 1 | | | |

| 3D Formats Supported | HDTV Formats Supported |
|----------------------|------------------------|
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| | |
|----------------|---|
| Not applicable | 1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz) |
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| Computer Compatibility | Bandwidth |
|------------------------|-----------|
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| Up to 1920 x 1200 | 200 MHz on analog RGB 165 Megapixels per second on HDMI |
|-------------------|--|

| Remote Control | Automation Control |
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| IR Remote Control On-Board keypad | LAN Daisy chain RS232 control |
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| Colour Temperature |
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| User selectable from native or 6500K |
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| Lamp Type | Typical Lamp Life |
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| LED Illumination Module | 60,000 hours |
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| Lenses |
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| Lens | Part No. | Focus Range | Lens Shift |
|----------------------|----------|--------------|---|
| 0.73 fixed | 110-171 | 0.97m - 1.3m | none |
| 0.84 - 1.03 : 1 zoom | 112-762 | 1.5m - 4m | Vert: 0.45 (U) 0.45 (D) frame, Hor: 0.12 (L) 0.12 (R) frame |
| 1.56 - 1.86 : 1 zoom | 110-157 | 2m - 7m | Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame |
| 1.85 - 2.40 : 1 zoom | 110-172 | 2.5m - 10m | Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame |
| 2.40 - 4.00 : 1 zoom | 112-319 | 4m - 12m | Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame |

| Lens Mount |
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| Manual shift, zoom & focus. |
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| Mechanical Mounting | Orientation |
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| Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet | Table Top or Inverted: Yes Pointing Up: Yes Pointing Down: Yes Roll (Portrait): Yes |
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| Power Requirements | Power Consumption |
|--------------------|-------------------|
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|---------------------------------|------|
| 100-240VAC 50/60Hz single phase | 330W |
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| Thermal Dissipation | Fan Noise |
|---------------------|-----------|
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| 1126 BTU/Hour | 30 dBA |
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| Operating/Storage Temperature | Operating Humidity |
|-------------------------------|--------------------|
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| Operating: 10 to 40C (50 to 95F) Storage: -20 to 60C (-4 to 140F) | 20% to 85% non condensing |
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| Weight (Chassis Only) | Dimensions |
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|------------------|--|
| 15 kg 33.1 lb | L: 41.8 cm W: 44.7 cm H: 18.2cm L: 16.5 in W: 17.6 in H: 7.2 in |
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| Safety & EMC Regulations |
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| CE, FCC Class B, UL, C-UL |
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**Dimensions included for reference only and are subject to change. Please download the full set of CAD files for this display for more accurate information.*

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<http://www.digitalprojection.co.uk/digital-products/images/mvisionLED-cad.jpg>



| Downloads |
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[PDF CAD Drawings](#)

[AUTOCAD Drawings](#)

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