

M-Vision LED 1000 1080p

1,000 ANSI Lumens | Contrast Ratio: 10,000:1 | Part No:114-432

M-Vision Cine LED Series Digital Projectors

DIGITAL  **PROJECTION**

Colour System:	DMD Specification:
R, G and B LEDs	1920 x 1080 pixels native, +/- 12° tilt angle Fast transit pixels for smooth greyscale and improved contrast.
Display Type:	Aspect Ratio:
1 x 0.95" DarkChip™ DMD™	16x9
	Fill Factor 87%

Key Features

Video & Graphics Processing

- 3rd Generation LEDs provide wide color gamut and deep color saturation.
- 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	RS232	9-pin D Sub	1
VGA / Analog RGB	15-pin D-Sub	1	IR Input	3.5mm Stereo Jack	1
Component Video	3 x RCA	1	12V Trigger	3.5mm Stereo Jack	2
Component Video	3 x BNC	1			
S-Video	4-pin Mini DIN	1			
Composite Video	RCA	1			

3D Formats Supported

Not applicable

HDTV Formats Supported

1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)

Computer Compatibility		Bandwidth	
Up to 1920 x 1200		200 MHz on analog RGB 165 Megapixels per second on HDMI	
Remote Control		Automation Control	
IR Remote Control On-Board keypad		RS232	
Colour Temperature			
User selectable from 5500 to 9300K			
Lamp Type		Typical Lamp Life	
LED Illumination Module		60,000 hours	
Lenses			
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			
Manual shift, zoom & focus.			
Mechanical Mounting		Orientation	
Front/Rear Table		Table Top or Inverted: Yes	
Front/Rear Ceiling		Pointing Up: Yes	
Adjustable Front/Rear Feet		Pointing Down: Yes	
		Roll (Portrait): Yes	
Power Requirements		Power Consumption	
100-240VAC 50/60Hz single phase		330W	
Thermal Dissipation		Fan Noise	
1126 BTU/Hour		30 dBA	
Operating/Storage Temperature		Operating Humidity	
Operating: 10 to 40C (50 to 95F)		20% to 85% non condensing	
Storage: -20 to 60C (-4 to 140F)			
Weight (Chassis Only)		Dimensions	
15 kg		L: 41.8 cm W: 44.7 cm H: 18.2cm	
33.1 lb		L: 16.5 in W: 17.6 in H: 7.2 in	
Safety & EMC Regulations			
CE, FCC Class B, UL, C-UL			
Accessories			
Accessory		Part No.	
M-Vision LED Illumination Module		109-683	
Infrared Remote (replacement)		112-961	
Ceiling Mount Kit w/plate & 500mm pole		112-943	
Gyrolock Ceiling Mount Kit w/plate & 230 - 300mm adjustable pole		112-411	
Swivel Truss Mount Kit - fully adjustable for up to 50kg		116-201	
<i>*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.</i>			
Downloads			
PDF CAD Drawings		User Guides	
AUTOCAD Drawings		Important Information	

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