



PERFORMANCE SPECIFICATIONS

Brightness (±10%)

M-Vision Cine 260-HB: 3500 Lumens
M-Vision Cine 260-HC: 2000 Lumens

Contrast:

M-Vision Cine 260-HB: 2000
M-Vision Cine 260-HC: 3000

Display Type

1 x 0.95" 1080p DMD

DMD Specification

1920 x 1080 pixels native

Fill Factor

90%

Sequential Colour Management

5 Segment colour wheel

Sealed Optics at DMD interface

Protects DMD's from optical contamination

Source Compatibility

- Graphics standards up to 1920 x 1200 resolution at 60fps via DVI or VGA
- Component video (SD and HD) via YPr Pb, RGB, or RGBS
- S-Video (PAL, NTSC & SECAM)
- Composite Video (PAL, NTSC & SECAM)

Video Processing

- Image scaling - State of the art image resizing technology
- Class leading Video de-interlacing/processing of SD and HD sources using auto 3:2 and 2:2 extraction, ruggedized for editing discontinuities

- Pixel-based motion adaptive interpolation
- User selectable preset, parametric de-gamma
- Auto mode selection - plug and play setup

Network Connection and Control

- Serial RS232 DB9 Full Protocol

Lamp Type

Single 260W High Intensity Discharge

Lamp Life (Typical)

Normal mode: 2000hrs
Eco mode: 3000hrs

Lens Mount

Fixed and Zoom Lenses, Mechanical Horizontal & Vertical Shift, Zoom and Focus

Lens Options

0.73:1	Fixed
1.56-1.85:1	Zoom
1.85-2.4:1	Zoom

Mechanical Mounting

- Front or Rear Table and Front or Rear Ceiling
- Tilt +/- 12° Front to Back 12° left and right

Weight (chassis only)

14kg.

Overview

Digital Projection International (DPI), Texas Instruments' first DLP™ partner and the original innovator of the 3-chip DLP™ projector, proudly introduces the new M-Vision Cine Series. With both high brightness and high contrast models available, this new 1080p platform delivers the imaging fidelity of Texas Instruments' DLP™ technology from a compact, quiet and beautiful chassis. DPI's single-chip M-Vision Cine series adds a remarkably affordable, high-lumen line of 1920 x 1080 displays to DPI's extensive single-chip product line.

The imagery benefits associated with the M-Vision are plentiful, including an expanded colour gamut range, high contrast and bold lumen performance. For any commercial venue, including those contending with high ambient light, M-Vision Cine models offer bright, saturated colour. Augmenting these benefits is the incredible efficiency of the single lamp, meaning M-Visions produce beautiful imagery while consuming a fraction of the wattage of competitive products.

Installation is incredibly flexible due to the M-Vision's compact and lightweight chassis design, and extraordinary lens shift range of 0.7 of frame vertical and 0.3 of frame horizontal. Multiple lens options provide further flexibility, with a throw ratio range from .73 to 2.40:1. Connectivity includes two HDMI inputs, as well as RGB via D-15, component, composite and S-Video inputs.

Providing a bright, high contrast and colour saturated image from a small-form single-chip display, the M-Vision Cine models present a powerful yet remarkably affordable solution for a variety of commercial and home entertainment applications, including:

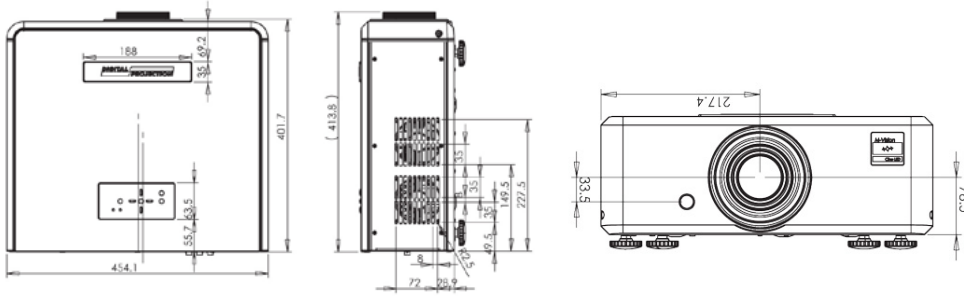
- Training and education
- Boardrooms and conference centers
- Visualization/simulation environments
- Retail and entertainment
- Media rooms and home theaters
- Digital media/advertising and hospitality

As is the case with all Digital Projection displays, our careful engineering guarantees M-Vision displays provide remarkable contrast and colour saturation for years to come. Equally important, our legacy in superior customer and technical services assures our experienced support staff is always available to address your needs.

INPUT / OUTPUT CAPABILITIES

Input*	Connector	Quantity
VGA	D Sub (15-pin)	1
Twin HDMI	HDMI 1.3	2
Component Video (SDTV/HDTV)	RCAX3	1
S-Video	BNC x 3	1
Composite Video	4-pin mini DIN	1
Composite Video	RCA	1
USB for mouse connection and firmware upgrade	USB	1
IR Emitter Output	3-pin mini Stereo jack	1

M-Vision Cine Series



Projector Dimensions

M-Vision Series

Projector dimensions (in)
L1 25.4 W1 21.4 H1 10
Projector dimensions (mm)
L1 645.4 W1 543.5 H1 253.5



ADVANCED TECHNICAL SPECIFICATIONS

PARAMETERS

HDTV Formats Supported	1080p, 1080i, 720p, 576i/p, 480i, 480p
Scan Rates Supported	Vertical 43-85 HZ; Horizontal TBA
Remote Control	Remote wireless IR
Automation Control	RS232 9-pin D sub
Operating/Storage Temperature	Operating: 10 to 35°C at 0-7500', 50 to 90F / Storage: -20°C to 60°C, -4 to 140F
Operating Humidity	20% to 85% with maximum wet bulb temperature of +27°C
Thermal Dissipation	1500 BTU/hour
Fan Noise	<42dB
Power Requirements	110 / 200-240 VAC, 47-63 Hz (Auto-Ranging)
Power Consumption	350W
Safety and EMC Regulations	FCC-A, UL, C-UL, CE

M-Vision Cine 260-HB

0.73 fixed lens
1.56 - 1.86:1
1.85 - 2.40:1

Part

110-508
110-506
110-507

.8:1 Conversion lens

- converts standard 1.56-1.86 lens to 1.25-1.48:1

109-727

*Disclaimer regarding the M-Vision 8:1 conversion lens: This lens introduces 4% bow distortion. Digital Projection recommends caution when using this lens.

1.25:1 Conversion lens

- converts standard 1.85-2.40 lens to 2.32-3.0:1

109-735

M-Vision Cine 260-HC

1.56-1.86:1
1.85-2.40:1

Part

110-005
110-006

Accessories

260 Watt Lamp and Housing
M-Vision Adjustable Ceiling Mount
Infrared Remote for M-Vision (replacement)

Part

109-682
111-182
109-685

1 Based on 4-6 hour/day operational profile. Venue and application conditions may impact actual lamp life. See Digital Projection's Product Warranty Statement for details on lamp warranty.

