

## M-Vision 260 Series

M-Vision Cine 260-HB • M-Vision Cine 260-HC



### PERFORMANCE SPECIFICATIONS

#### Brightness ( $\pm 10\%$ )

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

#### Contrast:

M-Vision Cine 260-HB: 2000:1  
M-Vision Cine 260-HC: 3000:1

#### Display Type

Texas Instrument DMD 0.95" x 1,  
DDR DLP Darkchip

#### Native White

D65

#### Sequential Color Management

5 Segment Color Wheel

#### Native Resolution

1920 x 1080 pixels

#### Aspect Ratio

16 x 9

#### Computer Compatibility

Up to 1920 x 1080

#### Color Temperature

5500 to 9300 degrees Kelvin

#### Video Compatibility

NTSC, SECAM, PAL, HDTV, HDCP  
on HDMI 1.3,

#### Throw Ratio

.73 fixed  
1.56 - 1.86:1  
1.85 - 2.40:1  
.8:1 Conversion lens  
1.25:1 Conversion lens

#### Bandwidth (up to)

200 mHz on analog RGB  
165 mHz on HDMI

#### Throw Distance

98" - 350"

#### Image Size

40" - 224"

#### Lens Shift (maximum)

##### Vertical:

.7 of frame if horizontal is at 0% position

##### Horizontal:

.3 of frame if vertical is at 0% position

NOTE: .73 fixed lens has NO LENS SHIFT as it is meant as an on-axis lens and is best suited for rear screen projection applications.

#### Lamp Life (Typical)<sup>1</sup>

2,000 hours

#### Mechanical Mounting

Front/rear table  
Front/rear ceiling  
Adjustable front/rear feet

#### Operating Noise Level

<35dB

#### Dimensions (chassis only)

H: 7.2 inches 183 mm  
W: 17 inches 432 mm  
D w/out lens: 15 inches 381 mm  
D w/ lens: 16 inches 406 mm

#### Weight (chassis only)

26 lbs.

#### Cabinet Color

Dark Grey

### 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 color 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 color. 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 .7 of frame vertical and .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.

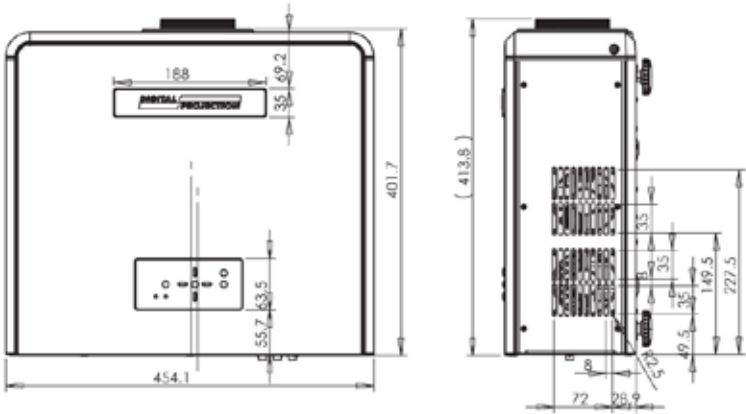
Providing a bright, high contrast and color saturated image from a small-form single-chip display, the M-Vision Cine models present a powerful yet remarkably affordable solution for a variety of commercial and home entertainment applications, including:

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

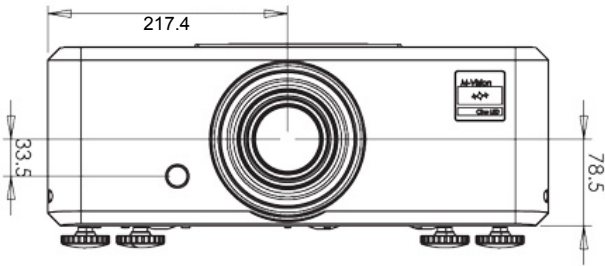
As is the case with all Digital Projection displays, our careful engineering guarantees M-Vision displays provide remarkable contrast and color saturation for years to come. Equally important, our legacy in superior customer and technical services assures our experienced support staff is always available 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)	RCa3x3 BNC x 3	1 1
S-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 260 Top and Side



M-Vision Cine 260 Front

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%, non-condensing

Thermal Dissipation 1500 BTU/hour

Fan Noise <35dB

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

1.56 - 1.86:1  
1.85 - 2.40:1  
.73 fixed lens

Part #

110-506  
110-507  
110-508

M-Vision Cine-260 HC

1.56 - 1.86:1  
1.85 - 2.40:1

Part #

110-005  
110-006

M-Vision Conversion Lenses

Part #

.8:1 Conversion lens \*  
- converts standard 1.56-1.86 lens to 1.25-1.48:1

109-727

\* Note: The M-Vision 8:1 conversion lens introduces 4% bow distortion.  
DPI recommends a close evaluation of the application before specifying this lens.

1.25:1 Conversion lens  
- converts standard 1.85-2.40 lens to 2.32-3.0:1

109-735

Accessories

Part #

260 Watt Lamp and Housing  
M-Vision Adjustable Ceiling Mount  
Infrared Remote for M-Vision (replacement)  
M-Vision 24/7 Maintenance Kit  
Enhanced Filter Kit (for venues w/airborne contaminants)

109-682  
111-182  
109-685  
109-686  
109-736

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.

