

# M-Vision 1080p-260 Series

M-Vision 1080p-260



## PERFORMANCE SPECIFICATIONS

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

1080p-260: 3500 Lumens

### Contrast:

2000:1

### 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

### Video Compatibility

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

### Bandwidth (up to)

200 mHz on analog RGB  
165 mHz on HDMI

### Color Temperature

5500 to 9300 degrees Kelvin

### Throw Ratio

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

### Throw Distance

98" - 350"

### Image Size

40" - 224"

### Image Offset

#### Horizontal:

.3 of frame if vertical is at 0% position

#### Vertical:

.7 of frame if horizontal is at 0% position

\*\* .73 fixed lens has NO LENS SHIFT as it is meant as an on-axis or center of the screen lens best suited for rear screen projection applications only.

### 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 1080p-260, a high brightness 1080p platform with the imaging fidelity of Texas Instruments' DLP™ technology. The single chip M-Vision 260 adds a remarkably affordable, high-lumen line of 1920 x 1080 displays to DPI's already extensive single-chip product line.

The imagery benefits associated with the M-Vision are plentiful, including an expanded color gamut range and bold 3500 lumens. For any commercial venue, including those contending with high ambient light, the 260 offers bright, saturated color. Augmenting these benefits is the incredible efficiency of the single lamp, meaning the 260 produces the beautiful imagery while consuming a fraction of the wattage of similar products.

Installation is incredibly flexible due to the M-Vision's compact and lightweight chassis design, and extraordinary lens shift range of .3 of frame horizontal and .7 of frame vertical. Multiple lens options provide further flexibility, with a throw range from .73 to 2.40:1. It should be noted that the .73 fixed lens has NO LENS SHIFT as it is meant as an on-axis or center of the screen lens best suited for rear screen projection applications only. Connectivity includes two HDMI inputs, as well as RGB via D-15, component, composite and S-Video inputs.

Providing a bright, saturated image from a small-form single-chip display, the M-Vision 1080p-260 presents a powerful yet remarkably affordable solution for a variety of commercial and home entertainment applications, including:

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

As is the case with all Digital Projection displays, our careful engineering guarantees the M-Vision 1080p-260 provides 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	RCaX3	1
(SDTV/HDTV)	BNC x 3	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 260 Front



M-Vision 260 Back Panel



## 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	<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



### Projector - M-Vision 1080p-260 Lens Part #

.73 fixed lens	109-729
1.56 - 1.86:1	109-658
1.85 - 2.40:1	109-680
.8:1 Conversion lens	109-727
- converts standard 1.56-1.86 lens to 1.25-1.48:1	

\*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	109-735
- converts standard 1.85-2.40 lens to 2.32-3.0:1	

### Accessories Part #

260 Watt Lamp and Housing	109-682
M-Vision Adjustable Ceiling Mount	109-684
Infrared Remote for M-Vision (replacement)	109-685
M-Vision 24/7 Maintenance Kit	109-686



<sup>1</sup> 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.