

# M-Vision 1080p-260 Series

M-Vision 1080p-260



## PERFORMANCE SPECIFICATIONS

<b>Brightness (±10%)</b> 1080p-260: 3500 Lumens	<b>Image Size</b> 40" - 224"
<b>Contrast:</b> 2000:1	<b>Image Offset</b> <b>Horizontal:</b> 30% if vertical is at 0% position <b>Vertical:</b> 120% if horizontal is at 0% position
<b>Display Type</b> Texas Instrument DMD 0.95" x 1, DDR DLP Darkchip	<b>Lamp Life (Typical)<sup>1</sup></b> 2,000 hours
<b>Native White</b> D65	<b>Mechanical Mounting</b> Front/rear table Front/rear ceiling Adjustable front/rear feet
<b>Sequential Color Management</b> 5 Segment Color Wheel	<b>Operating Noise Level</b> <35dB
<b>Native Resolution</b> 1920 x 1080 pixels	<b>Dimensions (chassis only)</b> H: 7.2 inches   18.3 mm W: 17 inches   43.2 mm D w/out lens: 15 inches   38.1 mm D w/ lens: 16 inches   40.6 mm
<b>Computer Compatibility</b> Up to 1920 x 1080	<b>Weight (chassis only)</b> 20 lbs.
<b>Video Compatibility</b> NTSC, SECAM, PAL, HDTV, HDCP on HDMI 1.3,	<b>Cabinet Color</b> Dark Grey
<b>Bandwidth (up to)</b> 200 mHz on analog RGB 165 mHz on HDMI	
<b>Throw Ratio</b> .73 fixed 1.56 - 1.86:1 1.85 - 2.40:1	
<b>Throw Distance</b> 98" - 350"	

## 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 30% horizontal and 120% vertical. Multiple lens options provide further flexibility, with a throw 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, 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 (SDTV/HDTV)	RCAX3 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 1080p-260 Series




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 40°C at 0-7500' / Storage: -20°C to -60°C
Operating Humidity	20% to 85% with maximum wet bulb temperature of +27°C
Thermal Dissipation	1500 BTU/hour
Fan Noise	<35dB
Power Requirements	110-120/200-240 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	
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.

