

M-Vision Cine 400-3D

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PERFORMANCE SPECIFICATIONS

Brightness (±10%) Cine 400-3D: 5500 Lumens	Throw Distance 98" - 350"
Contrast: Cine 400: 2000:1	Image Size 40" - 224"
Display Type Texas Instrument DMD 0.95" x 1, DDR DLP Darkchip	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.
Native White D65	Lamp Life (Typical)1 2,000 hours
Sequential Color Management 5 Segment Color Wheel	Mechanical Mounting Front/rear table Front/rear ceiling Adjustable front/rear feet
Native Resolution 1920 x 1080 pixels	Operating Noise Level <42dB
Aspect Ratio 16 x 9	Dimensions (chassis only) H: 7.3 inches 185 mm W: 17.9 inches 454 mm D w/out lens: 17.3 inches 440 mm D w/ lens: 18.3 inches 465 mm
Computer Compatibility Up to 1920 x 1080	Weight (chassis only) 33 lbs.
Video Compatibility NTSC, SECAM, PAL, HDTV, HDCP on HDMI 1.3,	Cabinet Color Black
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	

Overview

Digital Projection International (DPI), Texas Instruments' first DLP™ partner and the original innovator of the 3-chip DLP™ projector, proudly introduces the new active-3D enabled M-Vision Cine 400-3D.

Equipped with the same DLP® DarkChip technology featured in DPI's entire product line, the M-Vision Cine 400-3D delivers immersive 3D imagery for screens up to 12' wide. The M-Vision Cine 400-3D will enable home cinema enthusiasts to enter the world of large-screen 3D entertainment at a previously unattainable price point.

The 5,500 lumen M-Vision Cine 400-3D thrives in cinemas with screens up to 12' wide, as well as in venues with some ambient light, such as media rooms with smaller screen sizes. The compact and quiet Cine chassis, 1080p resolution, broad source connectivity and straightforward user interface make the M-Vision Cine 400-3D an optimum 3D solution for home entertainment enthusiasts desiring simple operation and stellar 3D imagery.

Augmenting these benefits are the overall efficiency and long-life of the lamp system, enabling this new platform to produce beautiful 2D and 3D imagery while consuming very low power and producing very little heat.

Previously, large-screen 3D experiences in the home were reserved for the most elite home theaters using DPI's award-winning TITAN Reference 1080p-3D. Serving as a compliment to the existing TITAN 3D product line, the M-Vision Cine 400-3D introduces a native 1080p, single-chip 3D display to home cinemas for a fraction of the cost. Enthusiasts can now experience flicker-free 3D at a full 120 frames per second while benefitting from the exceptional value of the M-Vision Cine 400-3D.

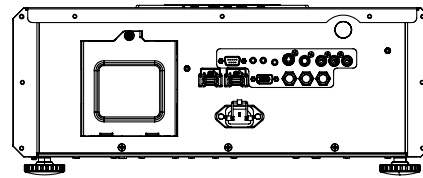
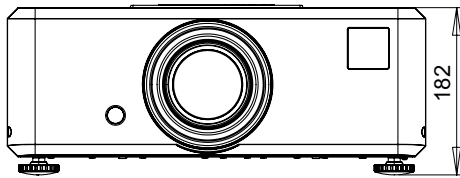
Installation is flexible due to the M-Vision Cine 400-3D's compact and lightweight chassis design, and extraordinary lens shift range of 30% horizontal and 120% vertical. Multiple easy-to-change lens options provide further flexibility, with throw ratios ranging from 1.25 to 3.0:1. There is also a fixed lens which offers a .73:1 throw ratio. Connectivity includes two HDMI inputs, as well as RGB via D-15, component, composite and S-Video inputs.

As is the case with all Digital Projection displays, our careful engineering guarantees the M-Vision Cine 400-3D provides remarkable 2D and 3D imagery for years to come.

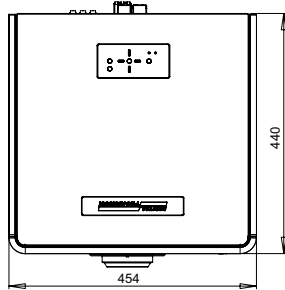
INPUT / OUTPUT CAPABILITIES

Input*	Connector	Quantity
VGA	D Sub (15-pin)	1
Twin HDMI	HDMI 1.3	2
Component Video (SDTV/HDTV)	RCAX3 BNC x 3	1 1
S-Video	4-pin mini DIN	1
Composite Video	RCA	1
Screen/Aspect trigger	3.5mm mini-sub	2
Remote control	3.5mm stereo jack- female	1

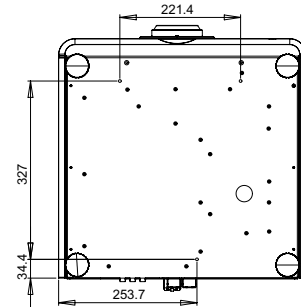
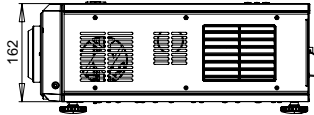
M-Vision Cine 400-3D Series



M-Vision Cine 400-3D Front and Back



M-Vision Cine 400-3D Top



M-Vision Cine 400-3D Bottom

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	1724 BTU/hour
Fan Noise	<42dB
Power Requirements	110 / 200-240 VAC, 47-63 Hz (Auto-Ranging)
Power Consumption	505W
Safety and EMC Regulations	FCC-A class B, UL, C-UL, CE

M-Vision Cine 400-3D

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

Part

111-147
111-148
111-149

.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

Accessories

400 Watt Lamp and Housing
M-Vision Adjustable Ceiling Mount
Adapter Plate for TheaterScope Swing System
Infrared Remote for M-Vision (replacement)
Enhanced Filter Kit (for venues with airborne contaminants)
M-Vision 24/7 Maintenance Kit

Part

111-150
111-182
111-183
109-685
109-736
109-686

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.

