

Digital Projection M-Vision LASER 16K M-Vision Projector/WUXGA/16000 Lumens/Contrast 10000x1/1920x1200

Colour System:	DMD Specification:
Blue Laser Phosphor + 4-segment colour wheel	1920 x 1200 pixels native.
Display Type:	Fast transit pixels for smooth greyscale and improved contrast.
1 x 0.96" DarkChip™ DMD™	Aspect Ratio: 16x10 Fill Factor 87%

Source Compatibility:				
3GSDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant. HDMI including Deep Color™ processing. Graphics standards up to 1920 x 1200 resolution at 60Hz via HDMI or DisplayPort.				
Inputs/Outputs				
Video & Computer			(Communication & Control	
Type	Connector	Qty	Type Connector	Qty
DisplayPort 1.1a	DisplayPort	2	3D Sync Out BNC	1
HDMI 1.4a	HDMI	2	3D Sync In BNC	1
3G-SDI in	BNC	1	LAN RJ45	1
3G-SDI out	BNC	1	RS232 9-pin D-Sub	1
HDBaseT (see LAN)	LAN RJ45	1	Wired Remote 3.5mm Stereo Jack	1
			12VTrigger 3.5mm Stereo Jack	2
NOTE: The HDBaseT and LAN ports are not shared.				

3D Formats Supported	HDTV Formats Supported
Frame Packing Dual Pipe Frame Sequential Side By Side (half) Top and Bottom	1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50Hz, 60Hz)
Computer Compatibility	Bandwidth
Up to 1920 x 1200	165 MHz on analog RGB 165 Megapixels per second on HDMI
Remote Control	Automation Control
Addressable IR Remote Control, wireless and wired On-Board keypad	Crestron RoomView® Connected PJLink Class 1 LAN RS232 AMX (Device Discovery) Served web page
Colour Temperature	Operation
3200K to 9300K	24x7 OPERATION
illumination Type	Typical illumination Life
Laser Light Source	20,000 hours

Lenses			
Lens	Part No.	Focus Range	Lens Shift
1.20 - 1.56 : 1 zoom	117-573	1m - 8m	Vert: 0.5 (U) 0.5 (D) frame. Hor: 0.15 (L) 0.15 (R) frame
1.50 - 2.00: 1 zoom	118-578	2m - 12m	Vert: 0.5 (U) 0.3 (D) frame. Hor: 0.15 (L) 0.15 (R) frame
2.00 - 4.00 :1 zoom	118-588	2.5m - 15m	Vert: 0.5 (U) 0.3 (D) frame. Hor: 0.15 (L) 0.15 (R) frame
4.00 - 7.00 :1 zoom	117-463	4m - 42m	Vert: 0.5 (U) 0.3 (D) frame. Hor: 0.15 (L) 0.15 (R) frame
Lens Mount			
Motorised and programmable shift, zoom and focus.			

Mechanical Mounting	
Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet	
Power Requirements	Power Consumption
100 - 240VAC 50/60Hz single phase	Typical 2000W @ 240VAC in Normal mode Typical 1200W @ 240VAC in ECO mode Typical 1200W @ 110VAC in Normal mode Typical 1000W @ 110VAC in ECO modeW
Thermal Dissipation	Fan Noise
Typical 4146 BTU/Hour @ 240VAC in Normal mode Typical 3276 BTU/Hour @ 240VAC in ECO mode Typical 4334 BTU/Hour @ 110VAC in Normal mode Typical 3412 BTU/Hour @ 110VAC in ECO mode BTU/Hour	Normal mode: 45 dBA max, 42 dBA typical Eco mode: 42 dBA max, 39dBA typical
Operating/Storage Temperature	Operating Humidity
Operating: 0 to 40C (32 to 104F) Storage: -20 to 60C (-4 to 140F)	10% to 90% relative, non-condensing
Weight (Chassis Only)	Dimensions
49 kg 108 lb	H: 24.8 cm W: 53.0 cm L: 69.5 cm H: 9.8 in W: 20.9 in L: 27.4 in