



DLA-VS3000
Visualization Series™ D-ILA Projector

BLU^{ESCENT}
Laser-Phosphor Illumination

DLA-VS3000 Design for Simulation

4K

Native 4K Resolution

120 Hz Frame Rate

Small Chassis

>15,000:1 Contrast Ratio

**Digital Smear Reduction with Black
Frame Insertion**



*Shown with optional lens

D-ILA

● Features

- New Gen. 3 Sealed Laser-Phosphor Illumination System with long life for Low Operating Cost and Consistent Performance
- 3 Active Matrix, 2nd Gen. 0.69" Digital D-ILA Devices
- 4096x2160 Native Resolution
- 1600 Lumens (typical) - 1280 Lumens (minimum)
- High Contrast Ratio - (15,000:1 Typical 12,000:1 minimum) with High Dynamic Range
- Built-in Auto Intensity and Color Calibration for reduced maintenance
- Motion Compatible for Simulation applications
- 12-Bit Color Bit Depth via DisplayPort 1.2a Inputs
- 6-Axis Color Management System w/12-Bit Gamma Correction
- Low-Latency Signal Processing
- 50Hz, 60Hz, 120Hz Frame Rate Operation
- Comprehensive LAN/RS232 Control Protocol
- Small Chassis, Same mounting pattern as VS2K Series
- 100%>20% Illumination Control (162 steps)
- Color Gamut - Default Calibration - sRGB / REC. 709 (100%)
- Frame-Encoded Dynamic Laser Control (FEDLC)
- User Adjustable Gamma Presets
- Long-life Wiregrid Polarizers and Inorganic Optical Components
- Fixed and Zoom Lens Options Available
- Custom Fixed and Adjustable Lens Mount Options Available
- Easy Access Front Panel for Lens/Mount Installation
- Flexible Orientation - Unlimited Pitch and Roll
- 11x11 Matrix, 1/8 pixel Micro-Convergence Control
- Improved Digital Smear Reduction w/120Hz Laser Pulse Control

Specifications

Image Device	3 D-ILA devices (0.69 inches diagonal) 4096 x 2160, >90% Aperture Ratio
Brightness	1600 ANSI Lumens (typical) - 1280 Lumens (minimum) with PPP polarization
Display Resolution	4096 x 2160 Pixels
Contrast Ratio	15,000:1 Typical 12,000:1 Minimum (Sequential)
Uniformity	Greater than 78%
Input - Supported Resolutions	640x480, 1920x1080, 2048x1080, 1600x1200, 1920x1200, 2048x1536, 2560x1600, 3840x2160, 4096x2160
Input modes	50Hz, 60Hz, 120Hz - Single, Dual
Latency	<17ms@60Hz, 12.5ms@120Hz
Color Bit Depth	12-bit Input, 12-bit Display
I/O Terminals	DisplayPort 1.2a x 2, LAN, RJ45 x 1, RS-232C, D-Sub 9 pin (male) x 1 Wired Remote (Mini) x 1, USB (for Service), Sync Out
Remote Control	RS-232C/LAN Fully featured control protocol - Wired/IR Remote Control(Optional)
Projection Lens (optional)	GL-MZ4009SZ 0.94-1.3:1 - Zoom Lens, $\pm 50\%$ V, $\pm 18\%$ H Offset GL-MZ4014SZ 1.27-2.54:1 - Zoom Lens, $\pm 100\%$ V, $\pm 40\%$ H Offset PK-MLS01 Motorized lens mount option, $\pm 100\%$ V, $\pm 34\%$ H offset
Light source	Blue Laser/Excited Phosphor - 20,000hrs to 50% output at full power User-Adjustable, 162 steps, 100%-20% Power Level, Auto-Intensity function 8-step Illumination System Aperture Control
Auto Intensity	Internal Auto Intensity and color calibration
Power Requirement	AC 100V-240V, 50/60Hz (single phase)
Power Consumption	500 Watts Maximum, 1.5W Standby
Noise Level (0-26°C, 32-79°F)	<35dB (A) at 39.4"/1m (3.3ft)
Operating Altitude	<6600ft (2000m) for safe operation
Installation Orientation	Any Orientation is supported - unlimited pitch and roll - motion compliant
Airflow Requirements	106cfm (3m ³) per minute maximum
Dimensions (W x H x D)	19.7" x 8.46" x 20.4" (500 x 214 x 518mm) without feet
Weight	50lbs, (22.5kg) - Lens additional
Supplied Accessories	Power Cord x 2 (US, EU) *Instruction manual is available from the JVC site
Approvals	Safety - CSA C22.2 No.60950-1-07 /UL60950-1 2nd (NA), IEC60950-1:2005/A1:2009/A2:2013, EN60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013 (EU) GB4943, 1-2011 (China) Safety (Laser) - IEC60825-1 Ed2:Class 3R, (US), IEC60825-1 Ed3:Class 1 EMI - FCC PART 15 SUBPART B, CLASS A (US), ICES-003 Issue 6 CLASS A, EN61000-3-2, EN61000-3-3, EN55035:2017, EN55022 (Class A), EN55024 (EU), AS/NZS CISPR32 Class A (AS/NZ) GB9254-2008, GB17625.1-2012 (China) Environmental - RoHS, Proposition 65 (US), WEEE, REACH, New Battery Directive (EU)
Warranty	Five-Years Parts and Labor (per JVC Limited Warranty)

Accessories

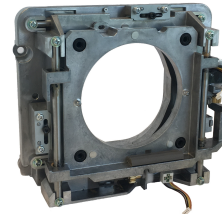
GL-MZ4009SZ
0.94-1.3:1 Zoom Lens



GL-MZ4014SZ
1.27-2.54:1 Zoom Lens



PK-MLS01
Motorized Lens Mount



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<http://pro.jvc.com/visualization>

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