

JVC

DLA-VS4010NLG

Visualization Series D-ILA Projector

BLU *Escent*

Laser-Phosphor Illumination
>20,000 Illuminator Life

6000
ANSI Lumens

Stimulated NVG
Compatible

4096x2400
Native Resolution

Native Contrast
>10,000:1



D-ILA®

● *Features*

- Solid State Laser-Phosphor Illumination System
- 4096x2400 Pixels, 11% more Vertical Resolution & Pixels than other 4K devices
- 3 Active Matrix D-ILA Devices(1.27" Diag)
- Light Output: 6000 ANSI Lumens
- Contrast Ratio - 10,000:1 (typical)
- RGB Convergence in 1/10 pixel increments
- Input via 4xDVI-D, Single/Dual Link
- Communication - 100BaseT Ethernet, RS-232C, USB
- Noise Level 52.3dB (A) at 39.4"/1m (3.3ft) (32-79°F, 0-26°C)
- Net Weight (less lens): 162lbs/73.5kg

● *Applications*

- Simulation
- Immersive Displays (such as CAVE)
- Planetariums
- Theme Parks
- Staging/Rental
- Ultra-high Resolution Command/Control
- Ultra-high Resolution Medical Imaging
- Advanced Visualization and 3D Display

Specifications

| | |
|--|--|
| Image Device | 3 D-ILA® devices (1.27 inches diagonal) 4096 x 2400, 6.8µm Pixel Pitch 0.25µm Pixel Gap >93% Aperture Ratio |
| Brightness | 6000 ANSI Lumens |
| Display Resolution | 4096 x 2400 Pixels (17:10 Aspect Ratio) |
| Contrast Ratio | Greater than 10,000:1 (Sequential) |
| Uniformity | Greater than 85% |
| DVI Input - Supported Resolutions | 4096x2400, 4096x2160, 3840x2400, 3840x2160 2048x1200, 2400x1080, 1920x1080, 1920x1200 1600x1200, 1280x1024, 1024x768, 800x600, 640x480 |
| DVI Clock | 165MHz (single link), 330MHZ (dual link) |
| Latency | <10ms in 4-stripe mode |
| Color Bit Depth | 8 bits maximum single link DVI 12 bits maximum dual link DVI |
| I/O Terminals | DVI-D (dual link) x 4 Ethernet, RJ45 x 1 USB, Type B (slave) x 1 RS-232C, D-Sub 9 pin (male) x 3 |
| Remote Control | Integrated Web Browser Interface RS-232C Fully featured control protocol |
| Projection Lens (optional) | GLMS4011SG - 1.1:1 Fixed lens, ±25% V offset GLMS4015SZG - 1.5-1.84:1 Zoom lens, ±50% V and ±25% H offset GLMS4021SZG - 2.15-3.65:1 Zoom lens, ±50% V and ±25% H offset |
| Light source | Blu-Escent Laser-Excited Phosphor 2-Step Power Control (2 customizable modes) Adjustable Power 20%-100% (88 steps) Auto Intensity mode capable |
| Light Source Life | Average 20,000hrs at 100% output |
| Power Requirement | AC 100V-120V, 200V-240V, 50/60Hz (single phase) |
| Power Consumption | 1250 Watts Maximum, 11.5A/5.75A, AC 110V/240V |
| Noise Level (0-26°C, 32-79°F) | 52.3dB (A) at 39.4"/1m (3.3ft) |
| Operating Altitude | <6600ft (2000m) for safe operation <4900ft (1500m) for guaranteed performance |
| Installation Orientation | Vertical ±90 degrees, Horizontal ±90 degrees |
| Airflow Requirements | 106cfm (3m³) per minute minimum |
| Dimensions (W x H x D) | 26.0" x 13.5" x 36.8" (660 x 342 x 934 mm) |
| Weight | 162lbs/73.5kg, Without Lens |
| Supplied Accessories | Power Cord *Instruction manual is available from the JVC site |
| Approvals | CSA C22.2 No.60950-1-07/ UL60950-1 2nd IEC60950-1/EN60950-1 2nd (EU) EMC - FCC PART 15 SUBPART B, SECTION 15.109 CLASS A, ICES-003 Issue 5:2012 CLASS A, EN55032 2009 CLASS A, EN61000-3-2 2014, EN61000-3-3, 2013, EN55103-2 2014 E4 (EU) |
| Warranty | One-Year Parts and Labor (per JVC Limited Warranty) |

Accessories

GLMS-4011SG
1.1:1 Fixed Lens



GLMS-4015SZG
1.5-1.85:1 Zoom Lens



GLMS-4021SZG
2.15-3.65:1 Zoom Lens



PKVS4MS
Mechanical Shutter



DLA-VS4010NLG
Side View



PKVS4GD4G
Graphics Processor/CMS

JVC

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

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