

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

2201 E. Dominguez Street
Long Beach, CA 90810

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

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