



# DLA-VS2400G

Visualization Series™ e-shift D-ILA Projector  
(Interchangeable Lens Version)

*Low Cost of Ownership!*

*4.1 MegaPixel  
Effective Resolution*

*120Hz Display Refresh*

*>18,000:1 Native Contrast*

*Interchangeable Lens*

*2K>4K Up-scaling Mode*



## ● Features

- JVC e-shift Technology for 4.1MP effective resolution
- 3 1920x1080, Active Matrix, 0.7" Digital D-ILA Devices
- >18,000:1 Contrast Ratio
- Digital Smear Reduction via Black-frame Insertion
- ≤25ms Frame Delay
- 1080p60/50 Synchronous Operation
- 900 ANSI Lumens (minimum)
- 12-Bit Gamma Correction
- 7- Axis Color Management System
- 4000 hour, 230W Ultra High Pressure Lamp for Low Operating Cost
- Rugged Chassis for Motion-Base Applications
- 8 Step Lamp Aperture Control
- Sim Specific D-ILA Devices
- High Contrast IR output for stimulated NVG applications
- User Adjustable Gamma Tracking
- Long-life Wiregrid Polarizers
- Long-life Inorganic Optical Components
- Available 1.0:1 and 1.2:1 Fixed Lenses
- ±50% V Offset, ±25% H Offset
- Flexible Orientation- ± 90 Deg. Pitch, ± 10 Deg. Roll
- 11x11 Matrix, 1/16 pixel Micro-Convergence Control
- Comprehensive LAN/RS232C Control Protocol
- Configuration Save/Restore Capability

## Specifications

Image Device	3 D-ILA® devices (0.7 inches diagonal) >90% Aperture Ratio and e-Shift Device	
Brightness	900 ANSI Lumens (minimum)	
Resolution	1920x1080 Pixels (4.1MP Effective Resolution in e-Shift mode)	
Contrast Ratio (Sequential)	18,000:1 minimum, 30,000:1 typical	
Uniformity	Greater than 80%	
Aperture	8 Steps (Lamp Aperture)	
Gamma Control	Std 2.2 Gamma and 3 User adjustable Gamma presets	
Color Management	7-Axis adjustable CMS	
HDMI Input - Supported Formats	1080p60/50, 720p60/50, 480p60, 576p50 Dual HDMI 1920x1080 for e-shift mode	
Low Latency Mode	1080p60/50	
Latency	≤25ms w/1080p60 Input	
Color Bit Depth	10-bit Input via HDMI 1.4b, 10-bit display	
I/O Terminals	2 x HDMI v1.4b (locking HDMI connectors) LAN, RJ45 x 1 RS-232C, D-Sub 9 pin (male) x 1 Wired Remote (Mini) x 1	
Remote Control	RS-232C/LAN Fully featured control protocol Wired/IR Remote Control	
Available Lenses and Accessories	1.0:1 and 1.2:1 Fixed Lens ± 50% Vertical Offset, ± 25% Horizontal Offset Capability Fixed Offset Lens mounts available (standard and custom)	
Lamp (user replaceable)	MNTVS24-XX PK-L2313UP	230W Ultra High Pressure Type (172W Low, 230W High) 4000 hour nominal life to 50% brightness (Low Power Setting)
Power Requirement	AC 110V-240V, 50/60Hz	
Power Consumption	360 Watts Maximum, 7W Standby	
Noise Level (0-26°C, 32-79°F)	<36dB (A) at 1m (Lamp Power=High, High Altitude mode=Off, Ambient 25C)	
Operating Environment	Temperature range 5°C-35°C Humidity 20%-80% (non-condensing)	
Operating Altitude	<1500 meters for guaranteed performance	
Installation Orientation	Vertical ±90 degrees, Horizontal ±10 degrees	
Dimensions ( W x H x D )	17-15/16" x 7-1/16" x 18-5/8" (455 x 179 x 472mm)	
Weight	28.8lbs, (13.1kg)	
Supplied Accessories	Power Cord	
Approvals	Safety	North America Europe
	EMI	North America Europe
	Environmental	Australia Common North America Europe
		CSA C22.2 No.60950-1-07 /UL60950-1 2nd IEC60950-1:2005:A1:2009 2nd Edition and EN60950-1:2006+A11:2009+A1:2010+A12:2011 FCC PART 15 SUBPART B SECTION 15.109 CLASS A, EN55022 :2010 CLASS A, EN61000-3-2 :2006+A1:2009+A2:2009 EN61000-3-3 :2008, EN55024 :2010 AS/NZS CISPR 22:2009/A1:2010 CLASS A, EN55022 :2010 CLASS A RoHS Proposition 65 (US), Mercury Regulation WEEE, New battery directive, Packing material regulation, REACH
Warranty	Two Years Parts and Labor (per JVC Limited Warranty)	

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