



# DLA-VS2500ZG

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

**BLU<sup>ESCENT</sup>**

*Laser-Hybrid Illumination*

*Landscape or Portrait Operation*

*Low Cost of Ownership!*

*120Hz Display Refresh*

*Digital Smear Reduction  
w/Black Frame Insertion*

*4.1MP Effective Resolution  
(e-shift mode)*

*30,000:1 Native Contrast Ratio*



## ● Features

- Laser-Hybrid Illumination System with 20,000+ hour lifetime for Low Operating Cost and Consistent Performance
- JVC e-shift Technology for 4.1 MP Effective Resolution
- 3 Active Matrix, 0.7" D-ILA Devices
- 30,000:1 Contrast Ratio (typical) - 20,000:1 (minimum)
- Digital Smear Reduction via Black-frame Insertion
- ≤25ms Frame Delay
- 1080p60/50 Synchronous Operation
- 1200 ANSI Lumens (typical) - 1000 ANSI Lumens (minimum)
- 12-Bit Gamma Correction
- 7-Axis Color Management System
- Rugged Chassis for Motion-Base Applications
- 16 Step Lens Aperture Control - 100%>25% Illumination Control (125 steps), Auto-Intensity Function
- 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
- Wide-Range Zoom Lens, 1.4-2.8:1 Throw Ratio
- ±80% V Offset, ±34% H Offset
- Flexible Orientation - Unlimited pitch and 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	1200 ANSI Lumens (typical) - 1000 ANSI Lumens (minimum)		
Resolution	1920x1080 Pixels (4.1MP Effective Resolution in e-Shift mode)		
Contrast Ratio (Sequential)	30,000:1 (typical), 20,000:1 (minimum)		
Uniformity	Greater than 80%		
Aperture	16 Steps (Lens 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		
Standard Zoom Lens and Accessories	MNT-VS24-XX	1.4-2.8:1 Zoom Lens (Motorized Zoom and Focus) ± 80% Vertical Offset, ± 34% Horizontal Offset Fixed Mount Adapter for Zoom Lens (0% offset standard or custom)	
Illumination System	Hybrid Blue Laser/Excited Phosphor - 20,000hrs to 50% output at full power User-Adjustable, 125 steps, 100%-25% Power Level, Auto-Intensity function		
Power Requirement	AC 100V-240V, 50/60Hz		
Power Consumption	(290 Watts Maximum, 5 Watts Standby)		
Noise Level (0-26°C, 32-79°F)	<48dB(A) at 39.4"/1m		
Operating Environment	Temperature range 5°C-35°C Humidity 20%-80% (non-condensing)		
Operating Altitude	<2000 meters for guaranteed performance		
Installation Orientation	Any orientation is supported - unlimited pitch and roll		
Dimensions ( W x H x D )	17-15/16" x 7-1/16" x 18-5/8" (455 x 179 x 472mm)		
Weight	(40.1bs, (18.2kg))		
Supplied Accessories	Power Cord		
Approvals	Safety	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+A12:201
	EMI	North America Europe	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
	Environmental	Australia Common North America Europe	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	Five Years or 35,000hrs Parts and Labor (per JVC Limited Warranty) Three Years or 21,000hrs on Optical Block/Illumination System		

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Rev 3.10.15

