



# DLA-VS2500ZG

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

**BLU<sup>ES</sup>cent**

*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 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
	EMI	North America Europe	
	Environmental	Australia Common North America Europe	
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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