JVC

DLA-VS2300G

Visualization Series D-ILA Projector
(Interchangeable Lens Version*)

BLU-Escent

Laser-Hybrid Illumination

Landscape or Portrait Operation

Low Cost of Ownership!

Digital Smear Reduction w/Black Frame Insertion

1920x1080 Native Resolution

30,000:1 Native Contrast Ratio

Features

- Laser-Hybrid Illumination System with 20,000+ hour lifetime for Low Operating Cost and Consistent Performance
- 1920 x 1080 Native Resolution
- 3 Active Matrix, 0.7” Digital 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
- 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
- Available 1.0:1 and 1.2:1 Fixed Lenses w/ ±50% V Offset, ±10% H Offset
- Flexible Orientation- Unlimited Pitch and Roll
- 11x11 Matrix, 1/16 pixel Micro-Convergence Control
- Comprehensive LAN/RS232 Control Protocol
- Configuration Save/Restore Capability

*Lens illustrated not included

Specifications

Image Device			3 D-ILA® devices (0.7 inches diagonal) >90% Aperture Ratio
Brightness			1200 ANSI Lumens (typical) - 1000 ANSI Lumens (minimum)
Resolution			1920x1080 Pixels (16:9 Aspect Ratio)
Contrast Ratio (Sequential)			30,000:1 (typical), 20,000:1 (minimum)
Uniformity			Greater than 80%
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
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, ± 10% Horizontal Offset Capability Fixed Offset Lens mounts available (standard and custom) Lens Support Bracket (for motion applications)
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, 5W 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)			17-15/15" x 7-1/16" x 18-5/8" (455 x 179 x 472mm)
Weight			36.4lbs, (16.5kg) - Lens additional
Supplied Accessories			Power Cord
Approvals	Safety	North America	CSA C22.2 No.60950-1-07 /UL60950-1 2nd
		Europe	IEC60950-1:2005:A1:2009 2nd Edition and EN60950-1:2006+A11:2009+A1:2010+A12:201
	EMI	North America	FCC PART 15 SUBPART B SECTION 15.109 CLASS A
		Europe	EN55022 :2010 CLASS A, EN61000-3-2 :2006+A1:2009+A2:2009 EN61000-3-3 :2008,EN55024 :2010
		Australia	AS/NZS CISPR 22:2009/A1:2010 CLASS A, EN55022 :2010 CLASS A
	Environmental	Common	RoHS
		North America	Proposition 65 (US), Mercury Regulation
		Europe	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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