



DLA-VS2200ZG

Visualization Series D-ILA Projector
(Zoom Lens Version)

Low Cost of Ownership!

*Digital Smear Reduction
w/Black Frame Insertion*

*1920x1080
Native Resolution*

*High Dynamic Range
18,000:1 Native Contrast*



● Features

- 1920 x 1080 Native Resolution
- 3 Active Matrix, 0.7" Digital D-ILA Devices
- >18,000:1 Contrast Ratio
- Digital Smear Reduction via Black-frame Insertion
- 23ms Frame Delay
- 1080p60/50 Synchronous Operation
- 850 ANSI Lumens (minimum)
- 12-Bit Gamma Correction
- 7-Axis Color Management System
- 4000 hour, 250W Ultra High Pressure Lamp for Low Operating Cost
- Rugged Chassis for Motion-Base Applications
- 16 Step 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
- Wide-Range Zoom Lens, 1.4-2.8:1 Throw Ratio
- $\pm 80\%$ V Offset, $\pm 34\%$ H Offset
- Flexible Orientation- ± 90 Deg. Pitch, ± 10 Deg. Roll
- 11x11 Matrix, 1/16 pixel Micro-Convergence Control
- Comprehensive LAN/RS232 Control Protocol
- Configuration Save/Restore Capability

Specifications

Image Device		3 D-ILA® devices (0.7 inches diagonal) >90% Aperture Ratio
Brightness		850 ANSI Lumens (minimum)
Resolution		1920x1080 Pixels (16:9 Aspect Ratio)
Contrast Ratio (Sequential)		18,000:1 minimum, 30,000:1 typical
Uniformity		Greater than 80%
Aperture		16 Steps (Lens and Lamp Aperture)
Gamma Control		Std 2.2 Gamma and 6 User adjustable Gamma presets
Color Management		7-Axis adjustable CMS
HDMI Input - Supported Formats		1920x1080 (EDID for 1080p60, 1080p50 only)
Low Latency Mode		1080p60/50
Latency		23ms w/1080p60 Input
Color Bit Depth		10-bit Input via HDMI 1.4a, 10-bit display
I/O Terminals		2 x HDMI v1.4a (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-VS21-0	1.4-2.8:1 Zoom Lens (Remote Zoom and Focus) ± 80% Vertical Offset, ± 34% Horizontal Offset Fixed Mount Adapter for Zoom Lens (0% offset)
Lamp (user replaceable)	PK-L2313UP	230W Ultra High Pressure Type (170W Low, 230W High) 4000 hour nominal life to 50% brightness (Low Power Setting)
Power Requirement		AC 100V-240V, 50/60Hz
Power Consumption		360 Watts Maximum, 7W Standby
Noise Level (0-26°C, 32-79°F)		<35dB (A) at 39.4"/1m (3.3ft)
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		34lbs, (14.6kg)
Supplied Accessories		Power Cord
Approvals	Safety	North America Europe
	EMI	North America
	Europe	
	Environmental	Australia Common North America Europe
		CSA C22.2 No.60950-1-03, UL60950-1 IEC60950-1 (EU) FCC part 15 Class B(US), ICES-003 Issue 4, 2004(CAN), EN61000-3-2, EN61000-3-3, EN61000-6-3 AS/NZS CISPR 22:2004 Class B RoHS Proposition 65 (US), Mercury Regulation WEEE New Battery directive
Warranty		Two Years Parts and Labor (per JVC Limited Warranty)

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