

# JVC®

The Perfect Experience / —  
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# DLA-VS2100U

Visualization Series D-ILA Projector

850  
ANSI Lumens

Digital Smear Reduction  
w/Black Frame Insertion

1920x1080  
Native Resolution

Super Contrast  
20,000:1



## ● Features

- 1920 x 1080 Native Resolution
- 3 Active Matrix, 0.7" Digital D-ILA Devices
- >20,000:1 Contrast Ratio
- Digital Smear Reduction via Black-frame Insertion
- 24ms Frame Delay
- 1080p60/50 Synchronous Operation
- 850 ANSI Lumens (minimum)
- 10-Bit Gamma Correction
- 7- Axis Color Management System
- 3000 hour, 220W Ultra High Pressure Lamp for Low Operating Cost
- Rugged Chassis for Motion-Base Applications
- 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- ± 90 Deg. Pitch, ± 15 Deg. Roll
- Over 700 First Generation VS2000 Models Installed World-wide in Level D Simulators
- Comprehensive LAN/RS232 Control Protocol
- Configuration Save/Restore Capability

## Specifications

<b>Image Device</b>	3 HD-ILA® devices (0.7 inches diagonal) >90% Aperture Ratio		
<b>Brightness</b>	850 ANSI Lumens (minimum)		
<b>Resolution</b>	1920x1080 Pixels (16:9 Aspect Ratio )		
<b>Contrast Ratio</b>	20,000:1 (Sequential)		
<b>Uniformity</b>	Greater than 80%		
<b>Aperture</b>	16 Steps (Lamp and Lens Aperture)		
<b>Gamma Control</b>	Std 2.2 Gamma and 3 User adjustable Gamma presets w/9 presets, 1.8-2.6 or individual RGB adjust		
<b>Color Management</b>	7-Axis adjustable CMS		
<b>HDMI Input - Supported Formats</b>	1920x1080 (EDID for 1080p60, 1080p50 only)		
<b>Low Latency Mode</b>	1080p60/50		
<b>Latency</b>	24ms w/1080p60 Input		
<b>Color Bit Depth</b>	10-bit Input via HDMI 1.4a, 10-bit display		
<b>I/O Terminals</b>	2 x HDMI v1.4a (locking HDMI connectors) Analog PC, D-Sub 15 x 1 Component (RCA x 3) LAN, RJ45 x 1 RS-232C, D-Sub 9 pin (male) x 1 Wired Remote (Mini) x 1		
<b>Remote Control</b>	RS-232C/LAN Fully featured control protocol Wired/IR Remote Control		
<b>Standard Zoom Lens and Accessories</b>			1.4-2.8:1 Zoom Lens (Manual Zoom and Focus) ± 80% Vertical Offset, ± 34% Horizontal Offset Fixed Mount Adapter for Zoom Lens (0% or ±50% V Offset)
<b>Lamp (user replaceable)</b>	MNT-VS21-0 PK-L2210UP		220W Ultra High Pressure Type (160W Low, 220W High) 3000 hour nominal life to 50% brightness (Low Power Setting)
<b>Power Requirement</b>	AC 100V-240V, 50/60Hz		
<b>Power Consumption</b>	350 Watts Maximum, 0.9W Standby		
<b>Noise Level (0-26°C, 32-79°F)</b>	<25dB (A) at 39.4"/1m (3.3ft)		
<b>Operating Environment</b>	Temperature range 5°C-35°C Humidity 20%-80% (non-condensing)		
<b>Operating Altitude</b>	<2000 meters for safe operation <1500 meters for guaranteed performance		
<b>Installation Orientation</b>	Vertical ±90 degrees, Horizontal ±15 degrees		
<b>Dimensions ( W x H x D )</b>	18" x 7.25" x 18.6" (455 x 179 x 472mm)		
<b>Weight</b>	32lbs, (14.6kg)		
<b>Supplied Accessories</b>	English Instruction Manual Power Cord IR Remote Control		
<b>Approvals</b>	<b>Safety</b>	North America Europe	CSA C22.2 No.60950-1-03, UL60950-1 IEC60950-1 (EU)
	<b>EMI</b>	North America Europe Australia	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
	<b>Environmental</b>	Common North America Europe	RoHS Proposition 65 (US), Mercury Regulation WEEE New Battery directive
<b>Warranty</b>	Two Years Parts and Labor (per JVC Limited Warranty)		

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