

SONY[®] VPL-GH10/1 PROJECTOR

SPECIFICALLY DESIGNED FOR MILITARY AND COMMERCIAL SIMULATOR APPLICATIONS

Key Features:

- Build-in Smear Reduction System
- Superb Performance for Simulation
- Long Life Model and Replacement Parts

VDC Offers Customer Design and Application Services, including Simulation Specific Lenses, Support Frames, Optical Edge Blending, Custom Projector Software and Installation Services.



VDC Display Systems

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Built-in Smear Reduction Projector for Simulation Professionals!

The VPL-GH10/1 projector provides SXR Projection with Built-in Smear Reduction and Professional Interfaces

Sony's latest SXR projector for professional applications, the VPL-GH10, is designed to meet the specific needs of the training/simulation market. Built-in smear reduction capability with Sony's Motionflow™ technology makes it simple to enhance the realism of the projected imagery while taking into account the required brightness for each scenario. The extremely high resolution All Range Crisp Focus lens is specifically engineered to optimize the high performance of the Full HD SXR panel. The on-board DVI interface mates directly to professional image generators and provides a positive connection with available screw connections. This COTS* product includes a significantly enhanced command set available through the industry standard Ethernet network port.

Specifications

SXR Device Main	Specifications	
Display Device	New 0.61" HFR SXR (Pixel gap: 2.0µm)	
Size	0.61-inch measured diagonal	
Resolution	1920 (H) X 1080 (V)	
Display Rate	60FPS @ 1920x1080	
Refresh Rate	120 Hz	
Latency	< 25ms	
MotionFlow	Smear Reduction by HFR SXR Panel alignment function (Zone/Shift)	
Optical		
Projection System	3-SXR, 1 lens projection system	
Imaging Device	SXR .061-inch (diagonal) 6,220,800 pixels (2,073,600 pixels x3) (Pixel gap: 2.0µm)	
Lens	1.6 times zoom lens (motorized), f=18.5 to 29.6 mm / F2.50 to F3.44	
Lens Shift	V:65%/H:25%	
Brightness	1000 ANSI Lumens	
Sequential Contrast Ratio	20,000:1; 150,000:1 w/Auto Iris	
Lamp	200W Ultra High Pressure Lamp	
Projection picture size	40 to 300 inches (measured diagonally)	
Inputs		
Digital Input	DVI-D	Digital RGB (HDCP supported)
Network	Ethernet	RJ-45
Remote	RS-232C	D-sub 9-pin
General		
Acceptable signal	Maximum resolution 1920x1080 @ 60Hz	
Dimensions (w/h/d)	18 5/8 x 7 1/8 x 19 inches (470 mm x 179.2 mm x 482.4 mm) Approx. 27 lb (12kg)	
Weight	Approx. 27 lb (12kg)	
Tilt Angle	+/- 15 degrees from lens axis; 360 degree rotation about lens axis	
Power requirements	AC 100 V to 240 V, 3.2 A to 1.4 A, 50/60 Hz	
Power consumption	Max.:320W, Standby mode:8W, Standby mode(low):0.5W	
Operating temperature	41 to 95 F degrees (5 to 35 C degrees)	
Operating humidity	35 to 85% (no condensation)	
Storage temperature	-4 to +140 F degrees (-20 to +60 C degrees)	
Storage humidity	10 to 90%	
Warranty	Two (2) Years	
Supplied Accessories		
Remote Control	Remote Commander® RM-PJVW60 (1)	
AC Power Cord	AC power cord (1)	
Operating	Operating Instructions (1)	



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