

Large Venue Projector

Vivitek DU8190Z-WH

Super-bright LV laser projector with rich connectivity and 20,000 hours of operational time



Features

- Solid state laser phosphor light source for reliable projection and performance
- Environmentally friendly lamp-less design that is mercury-free and energy efficient
- DLP® and BrilliantColor™ technologies for high-performance projection
- 10,000 ANSI lumens with a dynamic 10,000:1 contrast ratio for an amazing image quality
- Almost maintenance-free with up to 20,000 hours of operating time
- Native WUXGA resolution with a maximum WUXGA resolution
- Built-in hardware edge blending and warping functionality
- Powered zoom, focus and lens shift (horizontal/vertical) for easy adjustment and positioning flexibility
- Lens Positioning Memory (LPS) for quick recall of user defined lens positions (focus, zoom and lens shift)
- Picture-in-Picture (PIP) for simultaneously image projection from two different active sources
- Full suite of display connectivity inputs and outputs including: HDMI v1.4a, DVI-D, Component (5 BNC), VGA-In, 3G-SDI-In/Out, VGA-Out, HDBaseT™
- HDBaseT™ interface with support for distribution of digital HD video content over standard CAT5e/6 LAN cable
- 3D compatibility with DLP® Link™ and HDMI 1.4 technology support (Blu-ray, side by side, frame packing, top and bottom) for dazzling and realistic life-like images
- Portrait mode projection allows the projector to be easily setup and installed in a 90° installation
- 360° operation and projection design for set up in all angles
- Crestron® RoomView™ integration for network monitoring and management
- Eight (8) interchangeable lens options with quick touch lens release design for easy lens removal and reinstallation
- Airtight sealed engine and filter-less design for improved performance against fighting dust and fibers
- Optimized system layout with high efficiency cooling system
- 24/7 continuous operation with no downtime
- Network ready for integration and system administration via RJ45

Specifications

Display Type	Single Chip 0.67" DLP Technology by TI	
Brightness	10,000 ANSI Lumens	
Native Resolution	WUXGA (1920 x 1200)	
Maximum Resolution	WUXGA (1920 x 1200)@60Hz (Reduced Blanking)	
Contrast Ratio	10,000:1	
Laser Life/Type	Up to 20,000 hours (Laser Phosphor Light Engine)	
Throw Ratio*	1.73 - 2.27:1	
Image Size (Diagonal)*	40" - 500"	
Projection Distance*	1.45 - 24.85m (4.77ft to 81.52ft)	
Projection Lens*	F = 1.7 - 1.9, f = 26 - 34mm	
Zoom Ratio*	1.3x	
Aspect Ratio	16:10	
Offset	Motorized Lens Shift	
Keystone Correction	Horizontal ±60°, Vertical ±40°	
Horizontal Frequency	15, 30 – 90Hz	
Vertical Scan Rate	50 - 85Hz	
Edge Blending	Yes (Built-In)	
Warping	Yes (Built-In)	
3D Functionality	Yes (DLP® Link™, HDMI v1.4 (Blu-ray, side by side, frame packing, top and bottom))	
Lens Shift Range**	Vertical: -33% to 64%, Horizontal: -14% to 24%	
Computer Compatibility	VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080P, WUXGA@60hz, Mac	
Video Compatibility	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p)	
I/O Connection Ports	HDMI v1.4a (x2) DVI-D, Component (5 BNC), VGA-In, 3G-SDI-In/Out, RS-232, VGA-Out, 3D-Sync In/Out, 12v Trigger, Wired Remote, HDBaseT™/LAN (Shared)	
Projection Method	Table Top, Ceiling Mount, Portrait (Front or Rear)	
Security Solutions	Kensington® Security Slot, Security Bar, Keypad Lock, Anti-Theft Lens Screw	
Dimensions (WxDxH)	500 x 580 x 205mm (19.7" x 22.8" x 8.1")	
Weight	29kg (63.9lbs)	
Available Colors	White (DU8190Z-WH), Black (DU8190Z-BK)	
Noise Level	42dB (Normal Mode)	
Power Supply	AC 100-240V, 50/60Hz	
Power Consumption	Normal	1,320@100Vac, 1,245@240Vac
	Network Standby	Less than 6W
	Eco Standby	Less than 0.5W
Environmental Conditions	Operating	At temperature 0 to 40°C, relative humidity 10% to 85%, non-condensation
	Storage	At temperature -10 to 60 °C, relative humidity 5% to 95%, non-condensation
Standard Accessories	AC Power Cord, Remote Control w/Batteries, Lens Cap, Anti-Theft Lens Screw, Documentation Kit	
Optional Accessories	Interchangeable Lens Options (x8)**	

*Note: Standard Lens

**Note: Lens shift compatibility with all lenses except D88-WF18501 Wide Fixed Lens (3797745100-SVK) and D88-UST01 Ultra-Short Throw Lens (3797855700-SVK)

©2016 Vivitek. Vivitek is a trademark of Delta Electronics, Inc. Other trademarks are the properties of their respective owners. Values, weights and dimensions shown are approximate. Errors and omissions accepted. Specifications are subject to change without prior notice.

Photos

