

Large Venue Projector

# Vivitek DU8090Z-WH

Large Venue Laser Projector with Rich Connectivity and 20,000 hours of Operational Time



## Features

- Sold 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
- 8,000 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
- Instantaneous power-on & off, so no need for system pre-heating and post-cooling
- 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	8,000 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: 0-50%, Horizontal: ±10%
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) NTSC (M, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L)
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 (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	28kg (61.7lbs)
Available Colors	White (DU8090Z-WH), Black (DU8090Z-BK)
Noise Level	40dB (Normal Mode)
Power Supply	AC 100-240V, 50/60Hz
Power Consumption	850W (Normal Mode), 675W (Eco. Mode), <6W (Network Standby), <0.5W (Eco Mode)
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)

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## Photos

