

## Large Venue Projector

# Vivitek DU8190Z-BK

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



## Features

- Laser phosphor engine incorporating a lamp-less design that is mercury-free and environmentally friendly
- 10,000 ANSI lumens with a dynamic 10,000:1 contrast ratio for an amazing image quality
- Built-in color sensor to maintain constant color and an optimal brightness ratio
- Low maintenance 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<sup>™</sup>
- HDBaseT<sup>™</sup> interface with support for distribution of digital HD video content over standard CAT5e/6 LAN cable
- 3D compatibility with DLP® Link<sup>™</sup> 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
- Network ready for integration and system administration via RJ45
- Crestron® RoomView<sup>™</sup> integration for network monitoring and management
- Eight (8) interchangeable lens options with quick touch lens release design for easy lens removal and reinstallation
- Sealed optical engine and filter-less design keep dust out and improves performance
- 24/7 continuous operation with no downtime

## 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 <sup>™</sup> , HDMI v1.4 (Blu-ray, side by side, frame packing, top and bottom))
Lens Shift Range**	Vertical: 33% - 64%, Horizontal: -14% - 24%
Computer Compatibility	VGA, SVGA, XGA, WXGA, 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 <sup>™</sup> /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	28kg (61.7lbs)
Available Colors	Black (DU8090Z-BK), White (DU8090Z-WH)
Noise Level	42dB (Normal Mode)
Power Supply	AC 100-240V, 50/60Hz
Power Consumption	Normal: 1,320 @100Vac, 1,245 @240Vac <6W @Network Standby, <0.5W @Eco Standby
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

