

Large Venue Projector

Vivitek DU9800Z

Shine Bright with an SSL Laser Projector delivering 18,000 Lumens, Rich Connectivity, Edge-Blending, and Maintenance-Free Operating Time



Features

- Bright 18,000 ANSI lumens with a native WUXGA (1,920 x 1,200) resolution for impeccable colors and outstanding details
- DLP® DarkChip3™ and BrilliantColor™ technologies for optimal black levels and vibrant colorful images
- Solid state laser phosphor light source for reliable projection and performance
- Environmentally friendly lamp-less design that is mercury-free and energy efficient
- Almost maintenance-free with up to 20,000 hours of operating time
- Advanced video processor for fluid video streaming and 10-bit programmable RGB color adjustments
- Laser light source produces rich colors for an incredible cinematic like movie experience
- Fine tune and optimize an image with advanced calibrations, including gamma and color management settings
- Built-in hardware edge blending and warping functionality
- Powered zoom, focus and lens shift (horizontal/vertical) for easy adjustment and positioning flexibility
- Picture-in-Picture (PIP) for simultaneously image projection from two different active sources
- Full suite of display connectivity inputs and outputs including: HDMI v1.4, DVI-D, Component (5 BNC), VGA-In, 3G-SDI-In/Out, VGA-Out, HDBaseT™
- HDBaseT™ interface with support for distribution of digital video content over standard CAT5e/6 LAN cable
- 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
- 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
- Frame sequential and dual channel 3D supported
- Complete range of motorized interchangeable lens in sizes from 0.84 to 7.01 (Optional)
- Optimized system layout with high efficiency cooling system
- Heavy duty steel chassis for extra strength and integrity
- 24/7 continuous operation with no downtime
- Network ready for integration and system administration via RJ45

Specifications

Display Type	Single Chip 0.96" DLP Technology by TI
Brightness	18,000 ANSI Lumens
Native Resolution	WUXGA (1920 x 1200)
Maximum Resolution	WUXGA (1920 x 1200)@60Hz
Contrast Ratio	10,000:1
Laser Life/Type	Up to 20,000 hours (Laser Phosphor Light Engine)
Throw Ratio*	1.5 - 2.0:1
Image Size (Diagonal)*	40" - 500"
Projection Distance*	1.24 - 21.8m (4.06ft to 71.5ft)
Projection Lens*	F = 2.17 – 2.65
Zoom Ratio*	1.33x
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
Lens Shift Range	Vertical: ±50%, Horizontal: ±15%
Computer Compatibility	VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080P, WUXGA@60hz
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 v1.4 (x2), DVI-D, Component (5 BNC), 3G-SDI-In/Out, VGA-In, DisplayPort v1.2, RS-232, VGA-Out, 3D-Sync In/Out, 12v Trigger 1, 12v Trigger 2, Wired Remote, HDBaseT™, RJ45
Projection Method	Table Top, Ceiling Mount (Front or Rear)
Dimensions (WxDxH)	681 x 530 x 248mm (26.8" x 20.8" x 9.7")
Weight	Estimated 48kg (105.8lbs)
Available Colors	Black (DU9800Z-BK)
Noise Level	43dB (Normal Mode)
Power Supply	AC 100-240V, 50/60Hz
Power Consumption	1,900W (Normal Mode), 1,100W (Eco. Mode), < TBDW (Network Standby), <0.5W (Eco Mode)
Operation Conditions	At Temperature 0°C to 40°C, Relative Humidity 10% to 85%, Non-Condensation
Storage Conditions	At Temperature -10°C to 60°C, Relative Humidity 5% to 95%, Non-Condensation
Standard Accessories	AC Power Cord, Remote Control w/Batteries, Lens Cap, Documentation Kit
Optional Accessories	Interchangeable Lens Options (x5)

*Note: Standard Lens

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Photos

