

# Vivitek DU9000

Super Bright Large Venue Projector with Built-In Edge-Blending, Dual Lamp Technology and Optional Stacking Capability



## Features

- Super bright 12,000 Centered Lumens/11,000 ANSI Lumens with a crisp 5,000:1 (with DB On) contrast ratio
- Native WUXGA resolution with a maximum WUXGA resolution
- Dual-lamp engine design to create a brighter picture and operational reliability should one lamp go down
- Built-in hardware edge blending and warping functionality (3D supported in blending)
- Black colored heavy duty steel metal design for extra strength and integrity
- Powered zoom, focus and lens shift features for easy adjustment and positioning flexibility
- Variety of connectivity inputs and outputs including: HDMI v1.4a, Component, RGB-In, 12V Trigger, 3D Sync-Out, 3G-SDI-In/Out, RS-232, RJ45/HDBaseT
- HDBaseT interface with support for distribution of 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
- 3D sync port for compatibility with IR (R/F Infrared) 3D passive synchronization protocol
- Four (4) interchangeable lens options for greater installation scenario flexibility
- Convenient lamp replacement design
- Replaceable filters to keep the projector up and running smoothly
- Quick touch lens release design for easy lens reinstallation

## Photos



## Specifications

Display Type	Single 0.96" DLP Technology by TI
Brightness	12,000 Centered Lumens/11,000 ANSI Lumens
Native Resolution	WUXGA (1920 x1200)
Maximum Resolution	WUXGA (1920 x 1200)@60Hz
Contrast Ratio	1,250:1 or 5,000:1 (with DB On)
Lamp Life/Type	1,500/2,000 Hours (Normal/Eco. Mode), 465W x 2
Throw Ratio*	1.85 - 2.4:1
Focal Length	39 - 50.7mm
Projection Distance*	2.5 - 9m
Projection Lens*	F = 2.17 – 2.46, f=39-50.7mm
Zoom Ratio*	1.3x
Aspect Ratio	16:10
Keystone Correction	Vertical: ±200, Horizontal: ±350
Horizontal Frequency	15 - 108kHz
Vertical Scan Rate	48 - 120Hz
Edge Blending	Yes (Built-in)
Warping	Yes (Built-in)
3D Compatibility	Yes (DLP® Link™, HDMI 1.4 (Blu-ray, side by side, frame packing, top and bottom))
Lens Shift Range*	Vertical: ±50%, Horizontal: ±15%
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), Component (YPbPr) (x2), VGA-In, 12V Trigger (x2), 3D Sync-Out, 3G-SDI-In/Out, RS-232, USB (Service), Wired Remote, HDBaseT/LAN
Projection Method	Table Top, Ceiling Mount (Front or Rear)
Dimensions (WxDxH)	500 x 630 x 250mm (19.7" x 24.8" x 10.9")
Weight (Without Lens)	30kg (66lbs)
Available Color	Black
Noise Level	Dual Lamp: 47dB/44dB (Normal/Economy Mode)
Power Supply	AC 110-240V, 50-60Hz
Power Consumption	Dual Lamp: 1200W (Normal Mode), 910W (Eco. Mode), <2W (Standby Mode)(no RJ45 active))
Standard Accessories	AC Power Cord (USA/EU/China) (x3), HDMI Cable, Remote Control W/Batteries, Lens Cap, Documentation Kit
Optional Accessories	Replacement Lamp, Color Wheel, Interchangeable Lens Options (x4), Stacking Kit, Filters

\*Note: Standard Lens

### Optional Lenses

Lens Name	Short Throw	Ultra-Wide Angle	Standard	Long Throw
Model No.	D98-1518	D98-0810	D98-1824	D98-2440
F#	2.5 - 2.76	1.85 - 1.95	2.17 - 2.46	2.1 - 2.7
F Value (Focal Length)	33.15 - 39.81mm	17.95 - 21.93mm	39 - 50.7mm	50.4 - 80.4mm
Zoom Ratio	1.19x	1.22x	1.3x	1.67x
Projection Distance	2 - 7m	1.5 - 4m	2.5 - 9m	4 - 12m
Throw Ratio	1.56 - 1.86:1	0.84 - 1.03:1	1.85 - 2.4:1	2.4 - 4.0:1

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