



DU9800Z

Low Maintenance
Laser Projector with
Built-In Edge-Blending

Overview

The DU9800Z Single Chip WUXGA high-brightness projector delivers 18,000 Lumens with laser light source up to 20,000 hours of maintenance-free operation time. This projector presents many benefits to System Integrators due to its small form factor and light weight that enables simple and fast installation. It supports full rang of motorized interchangeable lens from 0.9 to 7.0. The DU9800Z is very stable projector and is ideally suited to 24/7 operation for Pro AV rental, staging and large venue.





Key Features



High Brightness 18,000 lumens

The DU9800Z is a DLP laser projector equipped with advanced DMD™ single-chip technology and delivers incredible brightness of 18,000 lumens for clear, crisp and bright projection.



Regular DMD

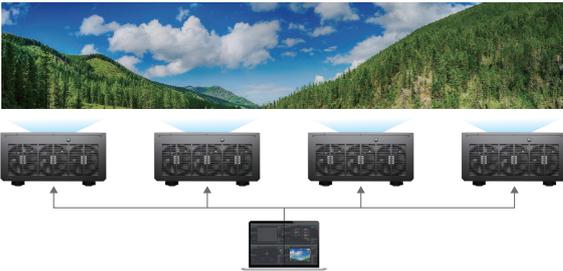


Advanced DMD



Building-in Edge Blending

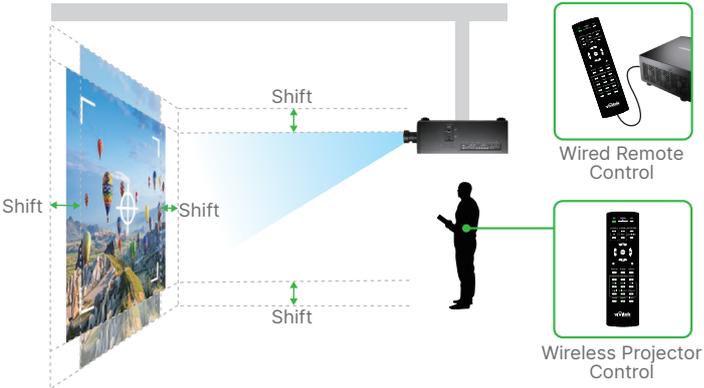
The DU9800Z features edge-blending capability. Multiple projectors simultaneously project a combined image for a stunning display and seamless image on large displays.





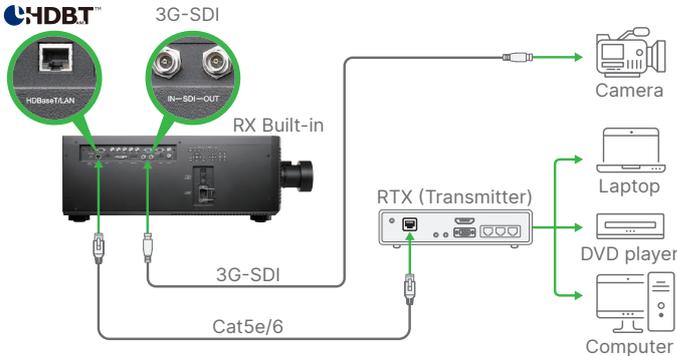
Zoom, Focus, Lens Shift & Memory

The DU9800Z comes with powered zoom, focus and lens shift (horizontal / vertical) for easy adjustment and positioning flexibility. Lens Positioning Memory also offers quick recall of user-defined lens positions (lens shift) for easy setup to ensure perfectly proportioned images.



Supports 3G-SDI & HDBaseT™ Connectivity

The DU9800Z has built-in 3G-SDI and HDBaseT™ interfaces for long-distance signal transmission of high-quality audiovisual content. HDBaseT™ reduces cabling requirements and installation, saving time and costs.



Liquid Cooling System

Vivitek's DU9800Z features a novel cooling system based on three components: Liquid, Air and Thermoelectric (TEC) cooling to reduce and dissipate heat from critical components to ensure stable operation and longevity.



PJ Control Tool

Vivitek's PJ-Control software is a tool for controlling Vivitek projectors. It can be used to manage multiple projectors, helping users control viewing options, settings, and scheduling, and it also allows for the adjustment of display features over a network.



High Standard Anti-Dust Protection

The optical system, from the laser light source to lens is completely sealed and rated IP6X for protection against dust ingress, ensuring consistent brightness over time with reliable performance and much reduced need for maintenance.



Picture-in Picture / Picture-by-Picture

The DU9800Z features Picture-in-Picture and Picture-by-Picture. Signals can be delivered from two different digital input sources at the same time.

Specifications

Model	DU9800Z
Display Type	DLP Single Chip 0.96"
Brightness*	18,000 Lumens
Native Resolution	WUXGA (1920 x 1200)
Dynamic Contrast Ratio	3,000,000:1
Light Source	Laser
Light Source Life (Normal / Eco)	20,000 / 30,000 hrs
Aspect Ratio	16:10
Throw Ratio	Std Lens: 1.5 ~ 2.0:1
Zoom Ratio	1.33:1
Keystone Correction	Vertical $\pm 40^\circ$, Horizontal $\pm 60^\circ$
Projection Offset	Motorized Zoom & Focus
Projection Size (Diagonal)	40" ~ 500"
Speaker	N/A
Horizontal Frequency	15, 31 ~ 91.4 kHz
Vertical Frequency	24~30 Hz, 47~120 Hz
3D Compatibility	Yes
I/O Ports	HDMI x2 DVI-D x1 DisplayPort x1 VGA-In (15pin D-Sub) x1 Component (5 BNC) (RGBHV) x1 3G-SDI In & Out x1 VGA-Out (15pin D-Sub) x1 RJ45 (LAN / HDBaseT) x1 RS-232-in x1 3D Sync-in (BNC) & out (BNC) x1 12v Trigger (3.5mm Jack) x2 Remote Jack (wire remote) in x1
Security Solutions	Kensington® Security Slot, Security Bar
Projection Method	Table Top, Ceiling Mount (Front or Rear)
Dimensions (WxDxH)	693 x 530 x 248 mm (27.28" x 20.8" x 9.8")
Weight	48 kg (105.8 lbs)
Power Supply	AC 100~240 V, 50/60 Hz, In 110 V operation, the projector will be at 65% brightness
Power Consumption	1200W@110Vac, 1800W@240Vac
Standard Accessories	AC Power Cord, HDMI Cable, Remote Control, Documentation Kit
Optional Lens Support (Throw Ratio)	0.9~1.2 / 1.2 ~1.56 / 1.5 ~2.0 / 2.0 ~4.0 / 4.0 ~7.0 :1

- * 1. Using Standard Lens
- 2. Brightness specifications are in compliance with ISO 21118 standards



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