



Low Maintenance Laser Projector

FEATURES

- Extraordinarily high brightness at 18,000 ANSI lumens with only one DLP chip system to achieve outstanding performance
- WUXGA resolution and 10,000:1 contrast ratio for clear, crisp and bright projection
- Long lasting laser light source for up to 20,000 hours operations
- Installation flexibility is ensured with 5 optional lenses from 0.84:1 to 7.00:1 throw ratio range
- Designed for heavy duty 24/7 operations with 360° installation angle flexibility
- 3G-SDI & HDBaseT for robustness for long signal transmission
- Built-in multi-screen edge-blending and warping features
- Motorized and wide lens shift range allows easy placement of the projector without distorting the image
- Lens Position Memory to facilitate set up
- New Constant Brightness feature helps reduce blending maintenance with a smart sensor continuously measuring and adjusting the illumination output



Bright 18,000 Lumens Projector with Single Chip DLP

The DU9800Z Single Chip WUXGA Laser Projector delivers 18,000 ANSI Lumens with its laser light source, the DU9800Z delivers up to 20,000 hours of operation. Additionally, the projector presents many benefits to System Integrators due to its small form factor and light weight that enables simple and swift installation. Vivitek offers a new Constant Brightness feature to help reduce blending maintenance and customise brightness with a built-in light sensor inside the projector monitors the level of light. The DU9800Z is very stable projector and is ideally suited to 24/7 operation with low user intervention.



DU9800Z SPECIFICATIONS

Image	Display Type	Single chip DLP® Technology by Texas Instruments
	Brightness	18000 ANSI Lumens
	Native Resolution	WUXGA (1920 x 1200)
	Max. Supported Resolution	WUXGA (1920 x 1200) @60Hz
	Contrast Ratio	10,000:1
	Native Aspect Ratio	16:10
	Keystone Correction	Vertical: +/-40°; Horizontal: +/-60°
Optical	Throw Ratio	5 optional lenses from 0.84:1 to 7.00:1 throw ratio range
	Image Size (Diagonal)	depending on lens selection
	Projection Distance	depending on lens selection
	Zoom Ratio	Motorized Zoom & Focus
	Offset	Motorized Lens Shift
Features	Lens Shift Range	Vertical: +/-50%; Horizontal: +/-15%
	Features	3D Ready(DLP link, PC+Video), Direct 3D (HDMI 1.4a), 3D Mandatory Formats supported (top/bottom, right/left, frame sequential), Instant On/Off
Compatibility	Video	SDTV (480i, 576i) / EDTV (480p, 576p) / HDTV (720p, 1080i, 1080p), NTSC (M, 3.58/4.43 MHz), PAL (B,D,G,H,I,M,N) SECAM (B,D,G,K,K1,L)
Connectivity	I/O Connection Ports	VGA-In (15pin D-Sub), HDMI Number of Ports (x2), Display Port, DVI-D, Component (5 BNC) (RGBHV) , VGA-Out (15pin D-Sub), RJ45 (1: HDBaseT/LAN), RS-232, 3D-Sync (x2: In and Out), Remote Jack(wire remote), 3G-SDI (x2: In and Out)
General	Lamp Life and Type	Lamp free design. Laser light source lasts up to 20,000 hours
	Dimensions (W x D x H)	530 x 693 x 248 mm
	Weight	48 kg
	Noise Level	43dB (Normal Mode)
	Power	Supply: AC 100-240V, 50/60Hz Consumption: 1800W (Normal Mode), <0.5W (Standby)
	Control Software	PJ - Control V3.0.0.4
	Warranty	Large Venue Laser Phosphor Warranty: 5 Year projector / 5 years or 20.000h on the Laser Phosphor illumination source.(Whichever comes first)
	Standard Accessories	HDMI Cable, User Manual (CD), Lens Cap, Warranty Card (by region), Remote Controller (with battery), AC Power Cord, Remote Control Cable
	Optional Accessories	Remote Control P/N (5041848301)
	UPC Code	DU9800Z-BK: 813097023377

OPTIONAL LENSES

Lens Name	Short Throw (Z)	Normal Throw 1	Standard Lens	Long Throw 1	Long Throw 2
Aspect Ratio	16:10	16:10	16:10	16:10	16:10
Throw Ratio	0.84 - 1.03:1	1.25 - 1.56:1	1.50-2.00:1	2.00-4.00:1	4.00-7.00:1
Projection Distance	1.5-4	0.95-17.47	1.24-21.84	2.65-41.77	4.38-74.51
Image Size	68-217	40-500	40-500	40-500	40-500
Zoom	1,22	-	1.33	-	1.70
F Number	1.85 - 1.95	1.3	2.17-2.65	2.0	2.20-2.57
Focal Length	17.95 - 21.93 mm	2.18-2.66	31.9 - 42.2 mm	2.17-2.64	83.93 - 146.85 mm
Part Number	3797805500-SVK (D98-0810)	3797859900-SVK (D98-1215)	3797886100-SVK (D98-1520)	3797893200-SVK (D98-2040)	3797858100-SVK (D98-4070)