



## 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	<b>Display Type</b>	Single chip DLP® Technology by Texas Instruments
	<b>Brightness</b>	18000 ANSI Lumens
	<b>Native Resolution</b>	WUXGA (1920 x 1200)
	<b>Max. Supported Resolution</b>	WUXGA (1920 x 1200) @60Hz
	<b>Contrast Ratio</b>	3,000,000 : 1
	<b>Native Aspect Ratio</b>	16:10
	<b>Keystone Correction</b>	Vertical: +/-40°; Horizontal: +/-60°
Optical	<b>Throw Ratio</b>	5 optional lenses from 0.84:1 to 7.00:1 throw ratio range
	<b>Image Size (Diagonal)</b>	depending on lens selection
	<b>Projection Distance</b>	depending on lens selection
	<b>Zoom Ratio</b>	Motorized Zoom & Focus
	<b>Offset</b>	Motorized Lens Shift
Features	<b>Lens Shift Range</b>	Vertical: +/-50%; Horizontal: +/-15%
	<b>Features</b>	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	<b>Video</b>	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	<b>I/O Connection Ports</b>	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	<b>Lamp Life and Type</b>	Lamp free design. Laser light source lasts up to 20,000 hours
	<b>Dimensions (W x D x H)</b>	530 x 693 x 248 mm
	<b>Weight</b>	48 kg
	<b>Noise Level</b>	43dB (Normal Mode)
	<b>Power</b>	Supply: AC 100-240V, 50/60Hz Consumption: 1800W (Normal Mode), <0.5W (Standby)
	<b>Control Software</b>	PJ - Control V3.0.0.4
	<b>Warranty</b>	Large Venue Laser Phosphor Warranty: 5 Year projector / 5 years or 20.000h on the Laser Phosphor illumination source.(Whichever comes first)
	<b>Standard Accessories</b>	HDMI Cable, User Manual (CD), Lens Cap, Warranty Card (by region), Remote Controller (with battery), AC Power Cord, Remote Control Cable
	<b>Optional Accessories</b>	Remote Control P/N (5041848301)
	<b>UPC Code</b>	DU9800Z-BK: 813097023377

### OPTIONAL LENSES

Lens Name	Short Throw (Z)	Normal Throw 1	Standard Lens	Long Throw 1	Long Throw 2
<b>Aspect Ratio</b>	16:10	16:10	16:10	16:10	16:10
<b>Throw Ratio</b>	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
<b>Projection Distance</b>	1.5-4	0.95-17.47	1.24-21.84	2.65-41.77	4.38-74.51
<b>Image Size</b>	68-217	40-500	40-500	40-500	40-500
<b>Zoom</b>	1,22	-	1.33	-	1.70
<b>F Number</b>	1.85 - 1.95	1.3	2.17-2.65	2.0	2.20-2.57
<b>Focal Length</b>	17.95 - 21.93 mm	2.18-2.66	31.9 - 42.2 mm	2.17-2.64	83.93 - 146.85 mm
<b>Part Number</b>	3797976800-SVK (D98-0912)	3797859900-SVK (D98-1215)	3797886100-SVK (D98-1520)	3797893200-SVK (D98-2040)	3797858100-SVK (D98-4070)