



Laser Projector with High Brightness and Low Maintenance

FEATURES

- DLP® technology with BrilliantColor™ for vibrant and rich picture quality
- 8,000 ANSI lumens of brightness, WUXGA resolution, and 10,000:1 contrast ratio for clear, crisp and bright projection
- Laser light source up to 20,000 hours Operations
- Designed for heavy duty 24/7 Operations
- 3G-SDI & HDBaseT for robustness and long signal transmission
- 8 optional lenses from 0.38:1 to 5.31-8.26:1 throw ratio range
- Lens Position Memory
- Built-in Edge-Blending and Warping features



Lamp-Free and Eco-Friendly

The DU8090Z features a WUXGA resolution, an amazing 8000 ANSI Lumens brightness and 10,000:1 contrast ratio for a clear and bright projection. The projector is equipped with a laser light source which offers up to 20,000 hours of operation. The DU8090Z is specifically designed for large venues which need power, flexibility and a durable solution.



DU8090Z SPECIFICATIONS

Image	Display Type	Single chip DLP® Technology by Texas Instruments
	Brightness	8000
	Native Resolution	WUXGA (1920 x 1200)
	Max. Supported Resolution	WUXGA (1920 x 1200) @60Hz
	Native Aspect Ratio	16:10
	Contrast Ratio	10,000:1
	Keystone Correction	Vertical +/- 40°, Horizontal +/- 60°
Optical	Throw Ratio	8 optional lenses from 0.38:1 to 5.31-8.26:1 throw ratio range
	Zoom Ratio	Motorized Zoom & Focus
	Lens Shift (Based on Full Image Height)	Vertical: +64%. -33%; Horizontal: +24%. -14%
	Image Size (Diagonal)	40" - 500" (Standard lens)
	Projection Distance	depending on lens selection
	Projection Lens	8 optional lenses from 0.38:1 to 5.31-8.26:1 throw ratio range
	Offset (Based on Full Image Height)	Motorized Lens Shift
Features	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 v.1.4 (x2), 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)
General	Dimensions (W x D x H)	500 x 580 x 205 mm
	Weight	28
	Power	Supply: AC 100-240V, 50/60Hz Consumption: 675W (Eco. Mode), 850W (Normal Mode), <0.5W (Standby)
	Lamp Life and Type	Lamp free design. Laser light source last up to 20,000 hours
	Noise Level	40dB (Normal Mode)
	Standard Accessories	VGA Cable, User Manual (CD), Quick Start Guide, Warranty Card (by region), Remote Controller (with battery), AC Power Cord, Remote Control Cable
	Optional Accessories	Remote Control P/N (5041848301)
	Warranty	Large Venue Laser Phosphor Warranty: 5 Year projector / 3 years or 10000h on the Laser Phosphor illumination source.(Whichever comes first)
	UPC Code	DU8090Z BK: 813097021953; DU8090Z WH: 813097021786

OPTIONAL LENSES

Lens Name	Standard Lens	Wide Fix	Ultra Wide Zoom	Wide Zoom	Semi Long Zoom	Long Zoom 1	Long Zoom 2	Ultra Short Throw
Aspect Ratio	16:10	16:10	16:10	16:10	16:10	16:10	16:10	16:10
Throw Ratio	1.73-2.27:1	0.76:1	0.75-0.93:1	1.25-1.79:1	2.22-3.67:1	3.58-5.38:1	5.31-8.26:1	0.38:1
Projection Distance	1.45-24.85	0.64-8.50	0.62-10.36	1.05-19.59	1.87-40.33	3.01-59.02	4.42-91.54	0.85-2.74
Image Size	40-500	40-500	40-500	40-500	40-500	40-500	40-500	100-350
Zoom	-	-	-	-	-	-	-	-
F Number	1.7-1.9	1.85	1.96 - 2.3	1.85-2.5	1.86-2.48	1.85-2.41	1.85-2.48	2.0
Focal Length	26 - 34 mm	11.6 mm	11.3 - 14.1 mm	18.7 - 26.5 mm	32.9 - 54.2 mm	52.8 - 79.1 mm	78.5 - 121.9 mm	5.64 mm
Part Number	3797744200-SVK (D88-ST001)	3797745100-SVK (D88-WF18501)	3797804200-SVK (D88-UWZ01)	3797745200-SVK (D88-WZ01)	3797745000-SVK (D88-SMLZ01)	3797745400-SVK (D88-LOZ101)	3797744900-SVK (D88-LOZ201)	3797866500-SVK (D88-UST01B)

