



High Brightness and Low Maintenance Laser Projector



KEY FEATURES/SPECIFICATIONS

- 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 motorized lenses from 0.38:1 to 5.31-8.26:1 throw ratio range
- Lens Position Memory
- Built-in Edge-Blending and Warping feature
- Available in black or white casing for easy integration into any venue



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 ANSI Lumens
	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 +/- 30°
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 +50%; Horizontal +/-10%
	Image Size (Diagonal)	40" - 500" (Std 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 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, HDMI v1.4 (x2), DVI-D, RJ45 (HDBaseT/LAN), 3G-SDI In, 3G-SDI Out, Component (5 BNC - RGBHV), VGA-Out (15pin D-Sub), 3D-Sync In, 3D-Sync Out, Remote Jack (Wired Remote), 12v Trigger (3.5mm Mini-Jack), USB A (Service) RS-232
General	Dimensions (W x D x H)	500 x 580 x 205mm (excluding the protruding part)
	Weight	28 kg
	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
	Speakers	No
	Noise Level	40dB (Normal Mode)
	Standard Accessories	VGA Cable, User Manual (CD), Remote Controller (with battery), R/C Wire 3.5mm Jack, AC Power Cord
	Warranty	Large Venue Laser Warranty: 5 years on projector
	UPC Code	DU8090Z-BK: 813097021953 , DU8090Z-WH: 813097021786

OPTIONAL LENSES

Model Number	D88-UST01	D88-UWZ01	D88-WF18501	D88-WZ01	D88-ST001	D88-SMLZ01	D88-LOZ101	D88-LOZ201
Lens Name	Ultra Short Throw	Ultra Wide Zoom	Wide Fix	Wide Zoom	Standard	Semi Long Zoom	Long Zoom 1	Long Zoom 2
Zoom	fixed zoom	1.25x	fixed zoom	1.41x	1.3x	1.65x	1.5x	1.55x
Aspec Ratio	16:10	16:10	16:10	16:10	16:10	16:10	16:10	16:10
Throw Ratio	0.38:1	0.75-0.93:1	0.76:1	1.25-1.79:1	1.73-2.27:1	2.22-3.67:1	3.58-5.38:1	5.31-8.26:1
Image Size and Projection Distance	100" - 350" (0.85 - 2.74 m)	40" - 500" (0.62 - 10.36 m)	40" - 500" (0.64 - 8.50 m)	40" - 500" (1.05 - 19.59 m)	40" - 500" (1.45 - 24.85 m)	40" - 500" (1.87 - 40.33 m)	40" - 500" (3.01 - 59.02 m)	40" - 500" (4.42 - 91.54 m)
F Number	2.0	1.96 - 2.3	1.85	1.85-2.5	1.7-1.9	1.86-2.48	1.85-2.41	1.85-2.48
Focal Length (f)	5.64 mm	11.3 - 14.1 mm	11.6 mm	18.7 - 26.5 mm	26 - 34 mm	32.9 - 54.2 mm	52.8 - 79.1 mm	78.5 - 121.9 mm
Product Number	3797855700-SVK	3797804200-SVK	3797745100-SVK	3797745200-SVK	3797744200-SVK	3797745000-SVK	3797745400-SVK	3797744900-SVK