



## Laser Projector with High Brightness and Low Maintenance

### FEATURES

- DLP® technology with BrilliantColor™ for vibrant and rich picture quality
- 10,000 ANSI lumens of brightness, WUXGA resolution, and 10,000:1 contrast ratio for clear, crisp and bright projection
- Long lasting laser light source for constant brightness level and color performance for up to 20,000 hours operations
- 3G-SDI & HDBaseT for robustness for long signal transmission
- Installation flexibility is ensured with 8 optional lenses from 0.38:1 to 5.31-8.26:1 throw ratio range
- Motorized and wide lens shift range allows easy placement of the projector without distorting the image.
- Image adjustment is made easy with 4 corner correction and keystone correction
- Multi-screen Edge-Blending and Warping features
- Easy projector monitor and control over network
- Designed for heavy duty 24/7 operations with 360° installation angle flexibility
- Lens Position Memory



## Lamp-Free and Eco-Friendly

The DU8190Z features a WUXGA resolution, an amazing 10,000 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 which makes it the perfect solution for large venues that need power, flexibility and a durable solution.



## DU8190Z SPECIFICATIONS

Image	<b>Display Type</b>	Single chip DLP® Technology by Texas Instruments
	<b>Brightness</b>	10000 ANSI Lumens
	<b>Native Resolution</b>	WUXGA (1920 x 1200)
	<b>Max. Supported Resolution</b>	WUXGA (1920 x 1200) @60Hz
	<b>Native Aspect Ratio</b>	16:10
	<b>Contrast Ratio</b>	10,000:1
	<b>Keystone Correction</b>	Vertical: +/-40°; Horizontal: +/-60°
Optical	<b>Throw Ratio</b>	8 optional lenses from 0.38:1 to 5.31-8.26:1 throw ratio range
	<b>Zoom Ratio</b>	Motorized Zoom & Focus
	<b>Lens Shift ( Based on Full Image Height)</b>	Vertical: +64%, -33%; Horizontal: +24%, -14%
	<b>Image Size (Diagonal)</b>	depending on lens selection
	<b>Projection Distance</b>	depending on lens selection
	<b>Offset (Based on Full Image Height)</b>	Motorized Lens Shift
Features	<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,L)
Connectivity	<b>I/O Connection Ports</b>	VGA-In (15pin D-Sub), HDMI (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), 3G-SDI (x2: In and Out)
General	<b>Dimensions (W x D x H)</b>	500 x 580 x 205 mm
	<b>Weight</b>	28 kg
	<b>Power</b>	Supply: AC 100-240V. 50/60Hz. Consumption: <0.5W (Standby)
	<b>Lamp Life and Type</b>	Lamp free design. Laser light source lasts up to 20,000 hours
	<b>Noise Level</b>	40dB (Normal Mode)
	<b>Standard Accessories</b>	VGA 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>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>UPC Code</b>	DU8190Z-BK: 813097022882

## 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
<b>Aspect Ratio</b>	16:10	16:10	16:10	16:10	16:10	16:10	16:10	16:10
<b>Throw Ratio</b>	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
<b>Projection Distance</b>	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
<b>Image Size</b>	40-500	40-500	40-500	40-500	40-500	40-500	40-500	100-350
<b>Zoom</b>	1.3	1	1.25	1.41	1.65	1.5	1.55	1
<b>F Number</b>	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
<b>Focal Length</b>	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
<b>Part Number</b>	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)

