



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 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 | 8 optional lenses from 0.38:1 to 5.31-8.26:1 throw ratio range |
| | 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 |
| | Zoom Ratio | Motorized Zoom & Focus |
| | Offset | Motorized Lens Shift |
| | Lens Shift Range | Vertical: +64%. -33%; Horizontal: +24%. -14% |
| 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 Number of Ports 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 | Lamp Life and Type | Lamp free design. Laser light source last up to 20,000 hours |
| | Dimensions (W x D x H) | 500 x 580 x 205 mm |
| | Weight | 28 kg |
| | Noise Level | 40dB (Normal Mode) |
| | Power | Supply: AC 100-240V, 50/60Hz Consumption: 675W (Eco. Mode), 850W (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 | 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 (5042221900) |
| | UPC Code | DU8090Z BK: 813097021953; DU8090Z WH: 813097021786 |

OPTIONAL LENSES

| Lens Name | Ultra Wide Zoom | Ultra Short Throw | Standard Lens | Wide Fix | Wide Zoom | Semi Long Zoom | Long Zoom 1 | Long Zoom 2 |
|----------------------------|-------------------------------|--------------------------------|-------------------------------|---------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Aspect Ratio | 16:10 | 16:10 | 16:10 | 16:10 | 16:10 | 16:10 | 16:10 | 16:10 |
| Throw Ratio | 0.75-0.93:1 | 0.38:1 | 1.73-2.27:1 | 0.76:1 | 1.25-1.79:1 | 2.22-3.67:1 | 3.58-5.38:1 | 5.31-8.26:1 |
| Projection Distance | 0.62-10.36 | 0.85-2.74 | 1.45-24.85 | 0.64-8.50 | 1.05-19.59 | 1.87-40.33 | 3.01-59.02 | 4.42-91.54 |
| Image Size | 40-500 | 100-350 | 40-500 | 40-500 | 40-500 | 40-500 | 40-500 | 40-500 |
| Zoom | 1.25 | 1 | 1.3 | 1 | 1.41 | 1.65 | 1.5 | 1.55 |
| F Number | 1.96 - 2.3 | 2.0 | 1.7-1.9 | 1.85 | 1.85-2.5 | 1.86-2.48 | 1.85-2.41 | 1.85-2.48 |
| Focal Length | 11.3 - 14.1 mm | 5.64 mm | 26 - 34 mm | 11.6 mm | 18.7 - 26.5 mm | 32.9 - 54.2 mm | 52.8 - 79.1 mm | 78.5 - 121.9 mm |
| Part Number | 3797804200-SVK (D88-UWZ01) | 3797866500-SVK (D88-UST01B) | 3797744200-SVK (D88-ST001) | 3797745100-SVK (D88-WF18501) | 3797745200-SVK (D88-WZ01) | 3797745000-SVK (D88-SMLZ01) | 3797745400-SVK (D88-LOZ101) | 3797744900-SVK (D88-LOZ201) |