



DU8090Z

LARGE VENUE LASER PROJECTOR WITH COMPLETE CONNECTIVITY, THAT'S 8000 ANSI LUMENS BRIGHT AND FULLY FEATURED

FEATURES

- Laser phosphor projection engine incorporates a laser design that's long lasting (20,000 hrs) and environmentally friendly
- 8,000 ANSI lumens, with a dynamic 10,000:1 contrast ratio, provide amazing image quality that's stable over time
- Built-in ACS (auto color sensor) for color and brightness consistency
- Built-in MPS (multi projector system) hardware for edge blending, flexible geometry and warping functionality
- Network connectivity for remote projector management - control and status. Ready for integration and system administration via RJ45
- Sealed optical engine and filter-less design improves performance with minimal service maintenance
- Choose the color to best fit your environment, with black and white cabinet colors available

LENS CHART

| Model | D88-WF18501 | D88-UWZ01 | D88-WZ01 | D88-ST001 | D88-SMLZ01 | D88-LOZ101 | D88-LOZ201 | D88-UST01 |
|----------------------------|--------------------------|----------------------------|---------------------------|---------------------------|----------------------------|--------------------------|----------------------------|------------------------------|
| Part # | 3797745100-SVK | 3797804200-SVK | 3797745200-SVK | 3797744200-SVK | 3797745000-SVK | 3797745400-SVK | 3797744900-SVK | 3797855700-SVK |
| Lens Desc. | Wide Fixed, On Axis | Ultra-Wide Zoom Lens | Wide Zoom Lens | Regular Zoom Lens | Semi-Long Zoom Lens 1 | Long Zoom Lens 1 | Long Zoom Lens 2 | Ultra-Short Throw Lens |
| Throw Ratio | 0.78:1 | 0.75-0.93:1 | 1.25-1.8:1 | 1.73-2.27:1 | 2.22-3.67:1 | 3.58-5.38:1 | 5.31-8.26:1 | 0.38:1 On Axis |
| Image Size Diagonal | 40-500" (1.02-12.7 m) | 40-500" (1.02-12.7 m) | 40-500" (1.02-12.7 m) | 40-500" (1.02-12.7 m) | 40-500" (1.02-12.7 m) | 40-500" (1.02-12.7 m) | 40-500" (1.02-12.7 m) | 100-350" (2.54-8.9 m) |
| Projection Distance | 25-334" (0.64-8.5m) | 24.4-376" (0.62-10.4 m) | 39.3-770" (1.0-19.6 m) | 58-976" (1.45-24.85 m) | 74.7-1583" (1.9-40.3 m) | 118-2318" (3-59 m) | 174-3597" (4.42-91.5 m) | 33.4-107.7" (0.85-2.74 m) |

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LARGE VENUE

The DU8090Z laser projector takes projection to the next level, with impressively vivid colors and a high brightness of 8,000 ANSI lumens. Built lamp-free, it provides a low cost of ownership, with minimal maintenance, and gives a stable, high-quality projection for up to 20,000 hours. Complete lens set together with a full feature set, the DU8090Z offers the best performance and value in the next generation of advanced technology projection — laser. The DU8090Z also offers, as standard, both an HDBaseT and a 3G-SDI interface.



SPECIFICATIONS

| | |
|-----------------------------------|--|
| Display Type | Single Chip 0.67" DLP™ Technology by TI |
| Brightness | 8,000 ANSI Lumens |
| Native Resolution | WUXGA (1920 x 1200) |
| Maximum Resolution | WUXGA (1920 x 1200) at 60 Hz (Reduced Blanking) |
| Contrast Ratio | 10,000:1 |
| Light Engine Life and Type | Up to 20,000 Hours, Laser Phosphor Light Engine |
| Image Size (Diagonal)* | 40" - 500", 1 - 12.7 m |
| Aspect Ratio | 16:10 |
| Offset | Motorized Lens Shift, Horizontal and Vertical, Memory |
| Keystone Correction | Horizontal ± 60°, Vertical ± 40° |
| Horizontal Frequency | 15 - 108 Hz |
| Vertical Scan Rate | 50 - 85 Hz |
| Edge Blending | Yes (Built-in) |
| Warping | Yes (Built-in) |
| 3D Functionality | Yes; DLP@ Link™, HDMI v1.4 (Blu-ray, Side by Side, Frame Packing, Top and Bottom) |
| Lens Shift Range** | Vertical: 0-50%, Horizontal: ±10% |
| Computer Compatibility | VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080P, WUXGA at 60 Hz, Max |
| Video Compatibility | SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p) NTSC (M, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L), WUXGA at 60 Hz Max |
| I/O Connection Ports | HDMI v1.4a (x2) DVI-D, Component (5 BNC), VGA-In, 3G-SDI-In/Out, RS-232, VGA-Out, 3D-Sync In/Out, 12v Trigger, Wired Remote, HDBaseT™/LAN (Shared) |
| Projection Method | Flexible 360°; Image Correction for Table Top, Ceiling Mount |
| Security Solutions | Kensington® Security Slot, Security Bar, Keypad Lock, Anti-Theft Lens Screw |
| Dimensions (WxDxH) | 19.7" x 22.8" x 8.1", 500 x 580 x 205 mm |
| Weight | 28 kg (61.7 lbs) |
| Cabinet Colors | Black, White |
| Noise Level | 40 dB (Power Mode) |
| Power Supply | AC 100-240 V, 50/60 Hz |
| Power Consumption | Full Power: 990 Watts, Standby Power < 6W |
| Standard Accessories | Interchangeable Lens (8), AC Power Cord, Remote, Lens Cap, Anti-Theft Lens Screw, Documentation Kit |
| Optional Accessories | Interchangeable Lens Options (x8), NovoPRO |

*Note: Regular Lens

**Note: Lens shift compatibility with all lenses except D88-WF18501 Wide Fixed Lens and D88-UST01 Ultra-Short Throw Lens. Calculate shift: Screen height or screen width/2 x % is maximum shift. Shifting one axis will limit opposite axis.



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