

Ultra High Bright SSL Laser projector delivering 22,000 lumens, rich connectivity, edge-blending, and very low maintenance operating time

Features

- Bright 22,000 ANSI lumens with a native WUXGA (1920 x 1200) resolution for impeccable colors and outstanding details
- DLP® DarkChip3™ and BrilliantColor™ technologies for optimal black levels and vibrant, colorful images
- Solid-state, laser-phosphor light source for reliable projection and performance
- Environmentally friendly lamp-less design that is mercury-free and energy efficient
- Almost maintenance-free with up to 20,000 hours of operating time
- Advanced video processor for fluid video streaming and 10-bit programmable RGB color adjustments
- Laser light source produces rich colors for an incredible cinematic experience
- Fine tune and optimize an image with advanced calibrations, including gamma and color management settings
- Built-in hardware edge blending and warping functionality
- Powered zoom, focus and lens shift (horizontal/vertical) for easy adjustment and positioning flexibility
- Picture-in-Picture (PIP) for simultaneous image projection from two active sources
- Full suite of display connectivity inputs and outputs including: HDMI v1.4, DVI-D, Component (5 BNC), VGA-In, 3G-SDI-In/Out, VGA-Out, HDBaseT™
- HDBaseT™ interface with support for distribution of digital video content over standard CAT5e/6 LAN cable
- Portrait mode projection allows the projector to be easily setup and installed in a 90° installation
- 360° operation and projection design for set up in all angles
- Instantaneous power-on & off, so no need for system pre-heating and postcooling
- Airtight sealed engine and filter-less design for improved performance against dust and fibers
- Frame sequential and dual channel 3D supported
- Complete range of motorized interchangeable lens in sizes from 0.9 to 7:1 (optional)
- Optimized system layout with high efficiency cooling system
- Heavy duty steel chassis for extra strength and integrity
- 24/7 continuous operation with no downtime
- Network ready for integration and system administration via RJ45

Photo



| Specifications | | |
|------------------------|---|---|
| Display Type | Single Chip 0.96" DLP Technology by TI | |
| Brightness | 22,000 ANSI Lumen ¹ Note: 200-240V is required for full output (NEMA 6-15) | |
| Native Resolution | WUXGA (1920 x 1200), 16:10 format | |
| Contrast Ratio | 10,000:1 or 30,000:1 (with DB On) | |
| Laser Life/Type | 20,000 + hours (Laser Phosphor Light Engine) | |
| Aspect Ratio | 16:10 Native | |
| Image Size (Diagonal)* | 40" – 500" (See page 2 for specification) | |
| Keystone Correction | Vertical ±40°, Horizontal ±60° (Adjustable Range of single direction) | |
| Horizontal Frequency | 15, 31 - 90Hz | |
| Vertical Scan Rate | 24 - 30Hz, 47 - 85Hz | |
| Projector Lens * | 5 lens options (See page 2 for specification) | |
| Lens Shift Range* | Vertical: ±50%, Horizontal: ±15% | |
| Offset* | Motorize Lens Shift (See page 2 for specification) | |
| Edge Blending | Yes (Built-In) | |
| Warping | Yes (Built-In) | |
| Computer Compatibility | VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080p, WUXGA@60hz, Mac | |
| Video Compatibility | SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i, 1080p) | |
| I/O Connection Ports | HDMI v1.4 (x2), HDCP v1.4 Compliant | |
| | HDBaseT™ / LAN Control (Shared) RJ45 | |
| | DVI-D | Component/RGBHV (5 BNC) |
| | 3G-SDI-In/Out | RS-232-In/Out (DB-9) |
| | VGA-In/Out | Wire Remote (3.5mm Jack) |
| | 3D Sync IN/Out | 12V Trigger (x2) (3.5mm Jack) |
| Projection Method | Table Top, Ceiling Mount (Front or Rear) | |
| Security Solutions | Kensington® Security Slot, Security Bar, Anti-Theft Lens Screw | |
| Dimensions (WxDxH) | 26.8" x 20.8" x 9.7" (681x 530 x 248mm) | |
| Weight | 115lbs (52.3Kg) | |
| Available ID Colors | Black (DU9900Z-BK) | |
| Noise Level | 45dB / 39dB (Eco Mode) | |
| Power Supply | AC 100-240V, 50/60Hz | |
| Power Consumption | Normal Mode | 2,100 Watts 100V- 240V@100Vac |
| | Network Standby | Less than 6W |
| | Eco Standby | Less than 0.5W |
| Environment Condition | Operating | 0° to 40°C, (0 to 104°F), humidity 10 to 85% non-condensation |
| | Storage | -10° to 60°C (14 - 140°F), humidity 5 - 95% non-condensation |
| Standard Accessories | AC Power Cord, Remote Control, Lens Cap, Anti-Theft Lens Screws, Documentation Kit | |
| Optional Accessories | Interchangeable Lens Options (x5) | |
| UPC Code (Projector) | 813097025289 | |

¹Brightness specification is based on 240V AC

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DU9900Z Series Projector Lenses

High-performance lenses for large venue installations

Features

- Five high-performance lenses designed for a variety of large venue applications
- Wide throw ratio range starting from 0.9 up to a maximum 7.0:1 (Depends on resolution)
- Available in a variety of zoom ratios including 1.3x, 1.33x, 1.67x, 1.75x and 2.0x
- Simple lens insertion and removal
- Support for powered zoom, focus and lens shift features for easy adjustment and movement
- Light weight, yet heavy duty construction
- Sealed structure for dust and moisture resistance
- Compatible with Vivitek DU9800Z projector

Specifications

| Image |  |  |  |  |  |
|--|--|--|---|--|--|
| Model Number | D98-0912 | D98-1215 | D98-1520 | D98-2040 | D98-4070 |
| Part Number | 3797976800-SVK | 3797859900-SVK | 3797886100-SVK | 3797893200-SVK | 3797858100-SB |
| Lens Type | Ultra-Wide Angle Lens | Short Throw Lens | Standard Lens | Long Throw Lens | Ultra-Long Throw Lens |
| Throw Ratio | 0.9 - 1.2:1 | 1.2 - 1.56:1 | 1.5 - 2.0:1 | 2.0 - 4.0:1 | 4.0 - 7.0:1 |
| Zoom Ratio | 1.33x | 1.3x | 1.33x | 2.0x | 1.75x |
| fValue (Focal Length) | 19.34 – 25.76mm | 25.69mm - 33.22mm | 31.9mm - 42.2mm | 42.6mm – 84.8mm | 83.93mm - 146.85mm |
| F Number | 2.2 – 2.53 | 2.18 - 2.66 | 2.17 – 2.65 | 2.17 - 2.64 | 2.2 - 2.57 |
| Image Size (Diagonal) | 50" – 500" | 40" – 500" | 40" – 500" | 40" – 500" | 40" – 500" |
| Projection Distance (Approximate) | 0.92 -13.46m | 0.95 – 17.47m | 1.24 – 21.84m | 2.65 - 41.77m | 4.38 – 74.51m |
| Lens Shift Range | Vertical: ±45%, Horizontal: ±15% | Vertical: ±50% Horizontal: ±15% | Vertical: ±50%, Horizontal: ±15% | Vertical: ±50%, Horizontal: ±15% | Vertical: ±50%, Horizontal: ±15% |
| Focus/Zoom Adjustment | Motorized | Motorized | Motorized | Motorized | Motorized |
| Available Color | Black | Black | Black | Black | Black |
| Accessories | Lens Hood, Cap | Lens Hood, Cap | Lens Hood, Cap | Lens Hood, Cap | Lens Hood, Cap |
| Dimensions (Diameter x Length) | 136 x 298.7mm (5.4" x 11.8") | 120 x 228.5mm (4.7" x 9") | 92 x 217.92mm (4.7" x 8.6") | 112 x 251mm (3.7" x 9.88") | 77 x 247mm (3.0" x 9.7") |
| Weight | 2,676g (5.9lbs) | 2,010g (4.43lbs) | 2,010g (4.43lbs) | 2,663g (5.87lbs) | 1,930g (4.25lbs) |

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