Features

• Bright 18,000 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 0:84 to 7:01 [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

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**SPECIFICATION**

**Display Type**
Single Chip 0.96” DLP Technology by TI

**Brightness**
18,000 ANSI Lumens

**Native Resolution**
WUXGA (1920 x 1200)

**Maximum Resolution**
WUXGA (1920 x 1200) @ 60Hz

**Contrast Ratio**
1,250:1 or 10,000:1 (with DB On)

**Laser Life/Type**
Up to 20,000 hours (Laser Phosphor Light Engine)

**Throw Ratio**
1.85 - 2.41:1

**Image Size (Diagonal)**
49’’ - 224’’

**Projection Distance**
8’’ - 29.5’’ (2.5 - 9 m)

**Projection Lens**
F = 2.17 – 2.46

**Zoom Ratio**
1.33x

**Aspect Ratio**
16:10

**Offset**
Motorized Lens Shift

**Keystone Correction**
Horizontal ±60º, Vertical ±40º

**Horizontal Frequency**
15, 30 – 90Hz

**Vertical Scan Rate**
50 - 85Hz

**Edge Blending**
Yes (Built-In)

**Warping**
Yes (Built-In)

**3D Functionality**
Yes

**Lens Shift Range**
Vertical: ±50%, Horizontal: ±15%

**Computer Compatibility**
VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080P, WUXGA@60Hz

**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)

**I/O Connection Ports**
HDMI v1.4 (x2), DVI-D, Component (5 BNC), 3G-SDIIn/ Out, VGA-In, DisplayPort v1.2, RS-232, VGA-Out, 3D-Sync In/Out, 12V Trigger 1, 12V Trigger 2, Wired Remote, HDBaseT™, RJ45

**Projection Method**
Table Top, Ceiling Mount (Front or Rear)

**Dimensions (WxDxH)**
26.8” x 20.8” x 9.7” (681 x 530 x 248mm)

**Weight**
Estimated 105.8lbs (48kg)

**Available Colors**
Black (DU9800Z-BK)

**Noise Level**
43dB (Normal Mode)

**Power Supply**
AC 100-240V, 50/60Hz

**Power Consumption**
1,900W (Normal Mode), 1,100W (Eco. Mode), <TBD (Network Standby), <0.5W (Eco. Mode)

**Operation Conditions**
At Temperature 32°F to 104°F, Relative Humidity 10% to 85%, Non-Condensation

**Storage Conditions**
At Temperature 14°F to 140°F, Relative Humidity 5% to 95%, Non-Condensation

**Standard Accessories**
AC Power Cord, Remote Control w/Batteries, Lens Cap, Documentation Kit

**Optional Accessories**
Interchangeable Lens Options (x5)

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**Lens Type**

<table>
<thead>
<tr>
<th>Lens Type</th>
<th>Ultra-Wide Angle</th>
<th>Short Throw</th>
<th>Standard</th>
<th>Long Throw</th>
<th>Ultra-Long Throw</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focus / Zoom Type</td>
<td>Motorized</td>
<td>Motorized</td>
<td>Motorized</td>
<td>Motorized</td>
<td>Motorized</td>
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<tr>
<td>Zoom</td>
<td>1.22x</td>
<td>1.3x</td>
<td>1.33x</td>
<td>2.0x</td>
<td>1.75x</td>
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<tr>
<td>F Number</td>
<td>1.85 - 1.95</td>
<td>2.18 - 2.66</td>
<td>2.17 - 2.65</td>
<td>2.17 - 2.64</td>
<td>2.2 - 2.57</td>
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<tr>
<td>Focal Length (f)</td>
<td>17.95 - 21.93 mm</td>
<td>25.69 - 33.22 mm</td>
<td>31.9 - 42.2 mm</td>
<td>42.6 - 84.8 mm</td>
<td>83.93 - 146.85 mm</td>
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<tr>
<td>Throw Ratio</td>
<td>0.84 - 1.03:1</td>
<td>1.2 - 1.56:1</td>
<td>1.5 - 2.0:1</td>
<td>2.0 - 4.0:1</td>
<td>4.0 - 7.0:1</td>
</tr>
<tr>
<td>Image Size</td>
<td>40” - 500”</td>
<td>40” - 500”</td>
<td>40” - 500”</td>
<td>40” - 500”</td>
<td>40” - 500”</td>
</tr>
<tr>
<td>Projection Distance</td>
<td>2.3’ - 37.5’ (0.7 - 11.44 m)</td>
<td>3.1’ - 57.3’ (0.95 - 17.47 m)</td>
<td>4.1’ - 71.7’ (1.24 - 21.84 m)</td>
<td>8.7’ - 137’ (2.65 - 41.77 m)</td>
<td>14.4’ - 244’ (4.38 - 74.51 m)</td>
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<td>Order Number</td>
<td>3797805500-SVK</td>
<td>3797859900-SVK</td>
<td>3797886100-SVK</td>
<td>3797893200-SVK</td>
<td>3797858100-SVK</td>
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<td>813097020062</td>
<td>813097022295</td>
<td>813087023780</td>
<td>813087023780</td>
<td>81308702288</td>
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*Note: Standard Lens

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