



## Flagship Large Venue Projector

# DU9059Z

Ultra-high brightness flagship dual Laser projector delivering 30,000 lumens. Rich connectivity, Optimal Brilliant Color performance and 30,000 hours of operational time

### Features

- Solid state laser phosphor light source for reliable projection and performance
- Environmentally friendly lamp-less design that is mercury-free and energy efficient
- DLP® DarkChip3™ and BrilliantColor™ technologies for optimal black levels and vibrant colorful images
- 30,000 lumens with a dynamic 20,000:1 contrast ratio for an amazing image quality
- Embedded smart sensor detects the brightness levels and automatically adjusts the output levels to ensure a constant bright image
- With red Laser light source produces rich colors for an incredible cinematic like movie experience
- Fine tune and optimize an image with advanced calibrations, including gamma and color management settings
- Almost maintenance-free with up to 30,000 hours of operating time
- Native WUXGA resolution with a maximum 4K UHD resolution
- Built-in hardware edge blending and warping functionality
- Powered zoom, focus and lens shift (horizontal/vertical) for easy adjustment and positioning flexibility
- Lens Positioning Memory (LPS) for quick recall of user defined lens positions (focus, zoom and lens shift)
- Full suite of display connectivity inputs including: HDMI v2.0, DVI-D, 12G-SDI-In/Out, HDBaseT™
- HDBaseT™ interface with support for distribution of digital HD video content over standard CAT5e/6 LAN cable
- Frame sequential and dual channel 3D support
- 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 post-cooling
- Crestron® RoomView™ integration for network monitoring and management
- Eight (7) interchangeable lens options with quick touch lens release design for easy lens removal and reinstallation from TR0.38 & 0.9 to 10.3
- Airtight sealed engine and filter-less design for improved performance against fighting dust and fibers
- Optimized system layout with high efficiency air 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
- LCM information indicator, read information directly
- Support Art-Net Stage console control system
- Provide Rental mode for rental marketing
- New Color uniformity correction
- Warp and Blending auto calibration with mobile phone

### Photos



### Specifications

Display Type	Single Chip 0.96" DLP Technology by TI	
Brightness*	30,000 Lumens	
Native Resolution	WUXGA (1920 x 1200)	
Maximum Resolution	4K UHD (3840x2160) @60Hz	
Contrast Ratio	1,500:1 (Native) / 20,000:1 (Dynamic) / 3,000,000:1 (Full On/Off)	
Laser Life/Type	Up to 30,000 hours / Dual Laser Technology	
Throw Ratio**	1.5 - 2.0:1	
Image Size (Diagonal) **	40" - 500"	
Projection Distance**	1.24 - 21.8m (4.06ft to 71.5ft)	
Projection Lens**	F = 2.17 – 2.65	
Zoom Ratio**	1.33:1	
Aspect Ratio	16:10	
Offset	Motorized Lens Shift	
Lens Shift Range**	Vertical: ±50%, Horizontal: ±15%	
Keystone Correction	Horizontal ±45°, Vertical ±40° (Adjustable Range of Single Direction)	
Horizontal Frequency	15.31 ~ 135 kHz	
Vertical Scan Rate	24~30Hz ;47~120Hz	
Edge Blending	Yes (Built-In)	
Warping	Yes (Built-In)	
3D Functionality	Yes (DLP® Link™, HDMI v2.0 Blu-ray, (side by side, frame packing, top and bottom, frame sequential)	
Computer Compatibility	VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080P, WUXGA, 4k UHD@60hz, Mac	
Video Compatibility	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p, 4K UHD)	
I/O Connection Ports	HDMI v2.0 (x2) (HDCP v2.2 Compliant), DVI-D x1, 12G SDI-In/Out, 3D Sync In/Out, 3D IR Sync Out x1, RS232-in x1, 12v Trigger, Wired Remote in/out, USB 5V2A, HDBaseT™x1 (Video only), LAN (RJ45) x1	
Projection Method	Table Top, Ceiling Mount, Portrait (Front or Rear)	
Dimensions (WxDxH)	676.6 x 598.8 x 270mm (29.7" x 23.6" x 10.6")	
Weight	45.4kg (100 lbs)	
Available Colors	Black	
Noise Level	48dB / 46dB (Normal / Eco Mode)	
Power Supply	AC 100-240V, 50/60Hz	
Power Consumption	Normal \ Eco	1500W@220Vac \ 1150W@220Vac
	Network Standby	Less than 6W
	Eco Standby	Less than 1W
Environmental Conditions	Operating	At temperature 0 to 40° C, relative humidity 10% to 85%, non-condensation
	Storage	At temperature -10 to 60° C, relative humidity 5% to 95%, non-condensation
Standard Accessories	AC Power Cord, Remote Control w/Batteries, HDMI Cable, Remote Control Cable, Documentation Kit	
Optional Accessories	Interchangeable Lens Options (x7) T/R 0.38 · T/R 0.9 - 1.2 · T/R 1.2-1.56 · T/R 1.5 - 2.0 · T/R 2.0-4.0 · T/R 4.0-7.0 · T/R 6.9 -10.3	

\* Note: Brightness specifications follow ISO 21118 standards and equal to ISO lumens  
\*\*Note: with Standard Lens



## Vivitek DU9000Z Series Projector Lenses

High-performance lenses for large venue installation

### Features

- Seven high-performance lenses designed for a variety of large venue applications
- Wide throw ratio range starting from 0.38 up to a maximum 10.3:1 (Depends on resolution)
- Available in a variety of zoom ratios including 1.3x, 1.33x, 1.49, 1.75x and 2.0x
- Simple lens insertion and removal
- Support for powered zoom, focus and lens shift features for easy adjustment and movement
- 5 lenses with encoding for lens zoom and focus memory function
- Light weight, yet heavy duty construction
- Sealed structure for dust and moisture resistance
- Compatible with Vivitek DU9800Z, DU9900Z, DU9057Z, DU9055Z, DU9053Z projectors

### Specifications

Image							
<b>Model Number</b>	D99-0912	D99-1215	D99-1520	D99-2040	D99-4070	<b>D98-69103</b>	<b>D98-UST01</b>
<b>Part Number</b>	SS-3796100207-VV	SS-3796100205-VV	SS-3796100203-VV	SS-3796100204-VV	SS-3796100206-VV	SS-3796100269-VV	SS-3796100268-VV
<b>Lens Type</b>	Ultra-Wide-Angle	Short Throw	Standard	Long Throw	Ultra-Long Throw	Super Long Throw	Ultra-Short Throw
<b>Throw Ratio</b>	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	6.9 - 10.3:1	0.38:1
<b>Zoom Ratio</b>	1.33x	1.3x	1.33x	2.0x	1.75x	1.49x	Fixed
<b>f Value (Focal Length)</b>	19.34 – 25.76mm	25.69mm - 33.22mm	31.9mm - 42.2mm	42.6mm – 84.8mm	83.93mm - 146.85mm	140.1mm - 209.6mm	8.2mm
<b>F Number</b>	2.2 – 2.53	2.18 - 2.66	2.17 – 2.65	2.17 - 2.64	2.2 - 2.57	2.5	2.4
<b>Image Size (Diagonal)</b>	50" – 500"	40" – 500"	40" – 500"	40" – 500"	40" – 500"	80" – 500"	200" – 600"
<b>Projection Distance (Approximate)</b>	0.92 -13.46m	0.95 – 17.47m	1.24 – 21.84m	2.65 - 41.77m	4.38 – 74.51m	12 – 80m	1.6 – 5m
<b>Lens Shift Range</b>	Vertical: ±45% Horizontal: ±15%	Vertical: ±50% Horizontal: ±15%	Vertical: ±50% Horizontal: ±15%	Vertical: ±50% Horizontal: ±15%	Vertical: ±50% Horizontal: ±15%	Vertical: ±50% Horizontal: ±15%	Vertical: ±50%, Horizontal: ±2.5%
<b>Focus/Zoom Adjustment</b>	Motorized	Motorized	Motorized	Motorized	Motorized	Motorized	Motorized
<b>Memory Encoder</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Available Color</b>	Black	Black	Black	Black	Black	Black	Black
<b>Accessories</b>	Lens Hood, Cap	Lens Hood, Cap	Lens Hood, Cap	Lens Hood, Cap	Lens Hood, Cap	Lens Hood, Cap	Lens Hood, Cap
<b>Dimensions (Diameter x Length)</b>	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")	139 x 444.6mm (5.47" x 17.5")	220 x 489mm (8.66" x 19.25")
<b>Weight</b>	2,676g (5.9bs)	2,010g (4.43lbs)	2,010g (4.43lbs)	2,663g (5.87lbs)	1,930g (4.25lbs)	5.3kg (11.68lbs)	6.3kg (13.89lbs)
<b>UPC Code</b>	813097025944	813097025951	813097025968	813097025975	813097025982	813097025999	813097026002