vivitek

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

- Sold 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 cincematic 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

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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							
Model Number	D99-0912	D99-1215	D99-1520	D99-2040	D99-4070	**D98-69103**	**D98-UST01**
Part Number	SS-3796100207-VV	SS-3796100205-VV	SS-3796100203-VV	SS-3796100204-VV	SS-3796100206-VV	SS-3796100269-VV	SS-3796100268-VV
Lens Type	Ultra-Wide-Angle	Short Throw	Standard	Long Throw	Ultra-Long Throw	Super Long Throw	Ultra-Short Throw
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	6.9 - 10.3:1	0.38:1
Zoom Ratio	1.33x	1.3x	1.33x	2.0x	1.75x	1.49x	Fixed
f Value (Focal Length)	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
F Number	2.2 – 2.53	2.18 - 2.66	2.17 – 2.65	2.17 - 2.64	2.2 - 2.57	2.5	2.4
Image Size (Diagonal)	50" – 500"	40" – 500"	40" – 500"	40" – 500"	40" – 500"	80" – 500"	200" – 600"
Projection Distance (Approximate)	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
Lens Shift Range	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%
Focus/Zoom Adjustment	Motorized	Motorized	Motorized	Motorized	Motorized	Motorized	Motorized
Memory Encoder	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Available Color	Black	Black	Black	Black	Black	Black	Black
Accessories	Lens Hood, Cap	Lens Hood, Cap	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")	139 x 444.6mm (5.47" x 17.5")	220 x 489mm (8.66" x 19.25")
Weight	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)
UPC Code	813097025944	813097025951	813097025968	813097025975	813097025982	813097025999	813097026002

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