

Versatile High Performance WUXGA Large Venue Laser Projector, with HDBaseT™, 4K compatible and 3D Ready



## Features

- Advanced laser phosphor light engine for superior brightness and color uniformity
- Lampless design delivers up to 20,000 hours of operational time
- Up to 9,000 ANSI lumens with a 20,000:1 contrast ratio
- Native WUXGA resolution with 4K compatible resolution
- Manual zoom and focus for easy adjustment and positioning flexibility
- Centered lens for easy installation
- Horizontal and vertical lens shift for greater installation convenience and flexibility
- Distorted and trapezoid image issues are easily corrected with keystone, and 4-corner adjustment
- HDBaseT™ interface with 4K support for distribution of HD video and digital audio content over standard CAT5e/6 LAN cable
- DB (Dynamic Black) ready for deeper blacks with detailed black-reproduction
- Embedded smart sensor to detect and automatically adjusts to ensure a constant bright image
- Full suite of display connectivity inputs and outputs including: HDMI v2.0, DVI-D, Composite Video, Component/RGBHV (5 BNC), VGA-In, VGA-Out, HDBaseT™ and LAN
- 3D compatibility with DLP® Link™ and HDMI 1.4 Blu-Ray technology support
- 3D sync port for compatibility with IR (infrared) 3D passive synchronization protocol
- 360° (degree) installation for flexible installation in a wide variety of environmental conditions
- Network ready for integration and system administration via RJ45
- Crestron® RoomView™ integration for network monitoring and management
- Seven (7) interchangeable lens options with quick touch lens release design for easy lens installation/removal
- An-theft security features include: Kensington® security slot, and security bar

## Photos



Specifications		
Display Type	Single Chip 0.67" DLP Technology by TI	
Brightness	9,000 ANSI Lumens	
Native Resolution	WUXGA (1920 x 1200), 16:10 format	
Supportive Resolution	4K Compatible	
Contrast Ratio	20,000:1	
Laser Life/Type	20,000 + hours (Laser Phosphor Light Engine)	
Aspect Ratio	16:10 Native	
Offset	N/A (Manual Focus/Zoom)	
Keystone Correction	Vertical ±30°, Horizontal ±30°	
Horizontal Frequency	15, 31 – 102kHz	
Vertical Scan Rate	24 - 30Hz, 47 - 120Hz	
3D	Yes (DLP® Link™, HDMI 1.4 (Blu-Ray 3D))	
Speaker	10W (x2)	
Lens Shift Range*	Vertical: -15% - +55%, Horizontal: -5% - +5%	
Projector Lens *	7 options (See page 2 for specification)	
Computer Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz, Mac, UHD	
Video Compatibility	SDTV (480i, 576i) / EDTV (480p, 576p) / HDTV (720p, 1080i, 1080p), UHD, 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 v.2.0 (X2)	Audio-In (3.5mm Jack)
	DVI-D	Audio-In (RCA L/R)
	HDBaseT (Full Spec) RJ45	Audio-Out (RCA L/R)
	Component/RGBHV (5 BNC)	Wire Remote 3.5mm In/Out
	VGA-In / Out (DB15)	3D-Sync In/Out
	Composite	12V Trigger (3.5mm Jack)
	LAN Control (RJ45)	USB Type A (5V/1.5A)
	RS-232-In/Out (DB-9)	USB Type B (Service Only)
Projection Method	Table Top, Ceiling Mount (Front or Rear)	
Security Solutions	Kensington® Security Slot, Security Bar, Keypad Lock	
Dimensions (WxDxH)	18.5" x 20.3" x 7.9" (470 x 517 x 202mm)	
Weight	54lbs (24.5Kg)	
Available ID Colors	White (DU7098Z-WH), Black (DU7098Z-BK)	
Noise Level	37dB/35dB (Normal/Eco. Mode)	
Power Supply	AC 100-240V, 50/60Hz	
Power Consumption	690W (Normal Mode), 560W (Eco. Mode), <0.5W (Standby Mode), <2W (LAN Standby Mode)	
Standard Accessories	AC Power Cord, VGA Cable, Remote Control, Filter, Lens Cap, Documentation Kit	
Optional Accessories	Interchangeable Lens Options (x7)	
UPC Code (Projector)	White (DU7098Z-WH: 813097024534) Black (DU7098Z-BK: 813097024541)	

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# Vivitek DU7000 Laser Series Projector Lenses

High-performance lenses for large venue installations

## Features

- Seven high-performance lenses designed for a variety of home cinema and medium to large venue applications
- Wide throw ratio range starting from 0.78 up to a maximum 5:1
- Available in a variety of zoom ratios including 1.18x, 1.25x, 1.28x, 1.42x, 1.5x and 1.67x
- Manual focus and zoom for easy image adjustments
- Bayonet Simple lens insertion and removal
- All optical elements are made of highest quality optical materials for less light loss and precision geometry

## Specifications

Model	DU7090Z / DU7095Z / DU7098Z / DU7195Z						
Image							
Model Number	VL904G/LNS-5FX2	VL911G/LNS-5WZ2	VL907G/LNS-5STZ	VL912G/LNS-5STZ2	VL906G/LNS-5SZ12	VL908G/LNS-5LZ23	VL909G/LNS-5LZ2
Part Number	5811120818-SVV	5811122742-SVV	5811120054-SVV	5811122743-SVV	5811120865-SVV	5811119237-SVV	5811120055-SVV
Lens Type	Fixed Short Throw	Short Throw Zoom	Standard Short Throw	Semi Short Throw	Standard Lens	Long Throw Lens	Super Long Throw
UPC Code	813097021571	813097023735	814964339928	813097023742	813097022066	814964335272	814964339935
Compatibility	DU7090Z / DU7095Z / DU7098Z / DU7195Z						
Throw Ratio	WUXGA: 0.78:1	WUXGA: 0.77 - 1.1:1	WUXGA: 1.1 - 1.3:1	WUXGA: 1.25 - 1.60:1	WUXGA: 1.54 - 1.93:1	WUXGA: 1.93 - 2.9:1	WUXGA: 3 - 5:1
Zoom Ratio	N/A	1.42x	1.18x	1.28x	1.25x	1.5x	1.67x
f Value (Focal Length)	11.46mm	11.45 - 16.32mm	16.64 - 19.54mm	18.65 - 23.85mm	22.84 - 28.61mm	28.5 - 42.75mm	44.5 - 74.19mm
F Number	2.54	2.1 - 2.6	2.05 - 2.27	2.0 - 2.44	2.0 - 2.09	2.5 - 3.1	2.2 - 2.5
Image Size (Diagonal Image Size/ Optimal Focus Range)	47.8" - 298.3"	42.3" - 300"	35.8" - 379.8"	39.1" - 300"	36.1" - 300"	32.1" - 481.1"	27.9" - 309.5"
Projection Distance (Approximate/Optimal Focus Range)	0.8 - 5m	1m - 4.98m	1 - 9m	1.346 - 8.078m	1.5 - 9.95m	2 - 20m	3 - 20m
Focus/Zoom Adjustment	Manual/NA	Manual	Manual	Manual	Manual	Manual	Manual
Lens Shift Range	Vertical: -15% to +55% Horizontal: -5% to +5%	Vertical: -15% to +55% Horizontal: -5% to +5%	Vertical: -15% to +55% Horizontal: -5% to +5%	Vertical: -15% to +55% Horizontal: -5% to +5%	Vertical: -15% to +55% Horizontal: -5% to +5%	Vertical: -15% to +55% Horizontal: -5% to +5%	Vertical: -15% to +55% Horizontal: -5% to +5%
Accessories	Lens Hood and Cap	Lens Hood and Cap	Lens Hood and Cap	Lens Hood and Cap	Lens Hood and Cap	Lens Hood and Cap	Lens Hood and Cap
Dimensions (Diameter x Length)	88 x 118.9mm (3.5" x 4.6")	132 x 202mm (5.2" x 7.9")	126 x 197.8mm (4.9" x 7.7")	126 x 193mm (4.9" x 7.6")	88 x 133mm (3.5" x 5.2")	88 x 141.4mm (3.5" x 5.5")	98 x 173.3mm (3.8" x 6.8")
Weight	450g (0.99lbs)	1,350g (2.97lbs)	1,240g (2.73lbs)	1,210g (2.66lbs)	400g (0.88lbs)	450g (0.99lbs)	810g (1.78lbs)

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