vivitek®
Vivid Color, Vivid Life

LARGE VENUE
LASER PROJECTOR | # DU8195-BK

High performance, high brightness WUXGA laser projector with HDBaseT™, a full suite of display ports and long life laser light source delivering high performance and prestige rich image

Features

- Laser phosphor engine incorporating a lamp-less design that is mercury-free and environmentally friendly
- 13,500 ANSI lumens with a dynamic 10,000:1 contrast ratio for an amazing image quality
- Built-in color sensor to maintain constant color and an optimal brightness ratio
- Low maintenance with up to 20,000 hours of operating time
- Native WUXGA resolution with a maximum WUXGA 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)
- Picture-in-Picture (PIP) for simultaneously image projection from two different active sources
- Full suite of display connectivity inputs and outputs including: HDMI v1.4a, DVI-D, Component (5 BNC) , VGA-In, 3G-SDI-In/Out, VGA-Out, HDBaseT™
- HDBaseT™ interface with support for distribution of digital HD video content over standard CAT5e/6 LAN cable
- 3D compatibility with DLP® Link™ and HDMI 1.4 technology support (Blu-ray, side by side, frame packing, top and bottom) for dazzling and realistic life-like images
- 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
- Network ready for integration and system administration via RJ45
- Crestron® RoomView™ integration for network monitoring and management
- Eight (8) interchangeable lens options with quick touch lens release design for easy lens removal and reinstallation
- Sealed optical engine and filter-less design keep dust out and improves performance
- 24/7 continuous operation with no downtime
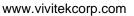
Photo

Specifications

Specifications		
Display Type	Single Chip 0.67" DLP Technology by TI	
Brightness	13,500 ANSI Lumens **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	
Laser Life/Type	20,000 + hours (Laser Phosphor Light Engine)	
Aspect Ratio	16:10 Native	
Image Size (Diagonal)*	40" – 500"	
Keystone Correction	Vertical ±40°, Horizontal ±60°	
Horizontal Frequency	15, 31 - 90Hz	
Vertical Scan Rate	24 - 30Hz, 47 - 85Hz	
Projector Lens *	8 options (See page 2 for specification)	
Lens Shift Range*	Vertical: -33% to +64%, Horizontal: -14% to +24%	
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)	Component/RGBHV (5 BNC)
	HDBaseT™	LAN Control (RJ45)
	DVI	RS-232-In/Out (DB-9)
	3G-SDI-In/Out	Wire Remote (3.5mm Jack)
	VGA In/Out	12V Trigger (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)	19.7" x 22.8" x 8.1" (500 x 580 x 205mm)	
Weight	64lbs (29Kg)	
Available ID Colors	Black (DK8500Z-BK)	
Noise Level	40dB	
Power Supply	AC 100-240V, 50/60Hz	
Power Consumption	Normal Mode	890W@100Vac,845W@240Vac
	Network Standby	Less than 3W
	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 (x8)	
UPC Code (Projector)	813097023155	

Vivitek Large Venue Projector Lenses
Eight (8) interchangeable lens options for greater installation flexibility

Features

- Eight (8) high-performance lenses designed for a variety of medium to large venue applications
- Wide throw ratio range starting from 0.38 up to a maximum 8.36:1 (Depends on projector resolution) for installation placement ease.
- Available in a variety of zoom ratios between 1.25x and 1.65x
- Powered focus and zoom for easy image adjustments
- Encoding for lens memory function (Selected models only)
- One touch quick release button for simple lens insertion and removal
- All optical elements are made of highest quality optical materials for less light loss and precision geometry

Specifications

Image								
Model Number	D88-UST01B*/***	D88-WF18501*/***	D88-UWZ01*	D88-WZ01	D88-ST001	D88-SMLZ01	D88-LOZ101	D88-LOZ201
Part Number	3797866500-SVK	3797745100-SVK	3797804200-SVK	3797745200-SVK	3797744200-SVK	3797745000-SVK	3797745400-SVK	3797744900-SVK
Lens Type	Ultra Short Throw	Wide Fixed Lens	Ultra-Wide Zoom	Wide Zoom Lens	Standard Lens	Semi Long Zoom	Long Zoom Lens 1	Long Zoom Lens 2
UPC Code	813097021809	814964336835	814964339379	814964336842	814964336828	814964336859	814964336866	814964336873
Throw Ratio	0.38:1	0.76:1	0.75-0.93:1	1.25 - 1.79:1	1.73 – 2.27:1	2.22 - 3.67:1	3.58 - 5.38:1	5.34 - 8.26:1
Zoom Ratio	N/A	N/A	1.25x	1.41x	1.3x	1.65x	1.5x	1.55x
Offset	Power Lens Shift***	Power Lens Shift***	Power Lens Shift	Power Lens Shift	Power Lens Shift	Power Lens Shift	Power Lens Shift	Power Lens Shift
Lens Shift	N/A	N/A	Ver: -33% to +64% Hor: -14% to 24%	Ver: -33% to +64% Hor: -14% to 24%	Ver: -33% to +64% Hor: -14% to 24%	Ver: -33% to +64% Hor: -14% to 24%	Ver: -33% to +64% Hor: -14% to 24%	Ver: -33% to +64% Hor: -14% to 24%
f Value (Focal Length)	5.64mm	11.6mm	11.3 – 14.1mm	18.7 - 26.5mm	26 - 34mm	32.9 - 54.2mm	52.8 - 79.1mm	78.5 - 121.9mm
F Number	2.0	1.85	1.96 – 2.3	1.85 - 2.5	1.7 - 1.9	1.86 - 2.48	1.85 - 2.41	1.85 - 2.48
Image Size (Diagonal)	100" – 350"	40" – 500"	40" – 500"	40" – 500"	40" – 500"	40" – 500"	40" – 500"	40" – 500"
Projection Distance (Projection Distance Range)	0.87 – 2.81m	0.66 – 8.73m	0.64 – 10.66m	1.08 – 20.14m	1.50 – 25.55m	1.93 – 41.45	3.10 - 60.66m	4.55 – 94.09m
Focus/Zoom Adjustment	Motorized	Motorized	Motorized	Motorized	Motorized	Motorized	Motorized	Motorized
Dimensions (D x L)	313 x 421mm (12.3" x16.6")	102 x 160mm (4" x 6.3")	100 x 141mm (3.9 x 5.5")	100 x 166mm (3.9" x 6.5")	100 x 141mm (3.9" x 5.5")	100 x 160mm (3.9" x 6.3")	100 x 173mm (3.9" x 6.8")	100 x 210mm (3.9" x 8.3")
Weight	2,700g (5.9lbs)	910g (2lbs)	1280g (1.8lbs)	1,090g (2.4lbs)	820g (1.8lbs)	950g (2.1lbs)	1,020g (2.2bs)	1,350g (2.9lbs)

NOTE: ON-AXIS, FIXED CENTER SCREEN, * D88-WF18501 WIDE FIXED LENS (3797745100-SVK) AND D88-UST01B ULTRA-SHORT THROW LENS (3797866500-SVK) ARE NOT COMPATIBLE WITH LENS SHIFT. LENS THROW, IMAGE SIZE AND ZOOM RATIO IS SUBJECT TO A 5% TOLERANCE. GEOMETRY IS SUBJECT TO A 0.6% TOLERANCE OF IMAGE HEIGHT AND/OR WIDTH. ©2015 VIVITEK. VIVITEK IS A TRADEMARK OF DELTA ELECTRONICS, INC. OTHER TRADEMARKS ARE THE PROPERTIES OF THEIR RESPECTIVE OWNERS. VALUES, WEIGHTS AND DIMENSIONS SHOWN ARE APPROXIMATE. ERRORS AND OMISSIONS ACCEPTED. SPECIFICATIONS ARE SUBJECTION TO CHANGE WITHOUT PRIOR NOTICE.

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