

Ultra 4K HD Large Venue Laser Projector with HDBaseT™ delivering high performance and prestige rich image

Features

- Ultra HD 4K (3,840 x 2,160) resolution for outstanding details and stunning visuals
- 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
- 7,500 ANSI lumens with a dynamic 100,000:1 contrast ratio for an amazing image quality
- 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
- Latest in Vivitek laser light source technology 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
- 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 v2.0, DisplayPort v1.2, 3G-SDI-In/Out, HDBaseT™
- Advanced HDMI 2.0 (x2) connectors for high resolution and quality digital video signals and quick data transfer rates
- HDBaseT™ interface with support for distribution of digital UHD 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 post-cooling
- Airtight sealed engine and filter-less design for improved performance against fighting dust and fibers
- Eight (8) interchangeable lens options with quick touch lens release design for easy lens removal and reinstallation



Specifications	
Display Type	Single Chip 0.66" DLP Technology by TI
Brightness	7,500 ANSI Lumens
Native Resolution	UHD (3840 x 2160), 16:9 format
Contrast Ratio	100,000:1
Laser Life/Type	20,000 + hours (Laser Phosphor Light Engine)
Aspect Ratio	16:9 Native
Image Size (Diagonal)*	40" – 500"
Keystone Correction	Vertical ±25° - ±30°, Horizontal ±30°
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+, UXGA, 1080P, WUXGA@60Hz, UHD 3840x2160@60Hz Mac
Video Compatibility	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p), UHD 3840x2160@60Hz
I/O Connection Ports	HDMI v 2.0 (x2) LAN Control (RJ45)
	HDBaseT™ RS-232-In/Out (DB-9)
	Display Port v.1.2 Wire Remote 3.5mm
	3G-SDI-In/Out 12V Trigger (3.5mm Jack) x2
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

*Note: Lens shift compatibility with all lenses except D88-WF18501 Wide Fixed Lens (3797745100-SVK) and D88-UST01 Ultra-Short Throw Lens (3797855700-SVK)

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 subject to change without prior notice.



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	0.75-0.94:1	1.26 - 1.79:1	1.73 – 2.27:1	2.22 - 3.69:1	3.58 - 5.40:1	5.34 - 8.36:1
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" x 16.6")	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-UST01 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 SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.