



LARGE VENUE PROJECTOR | **D8900**

Impressive Brightness and Abundant Features for an Exceptional Large Screen Experience

The perfect solution for diverse large-venue applications, the Vivitek D8900 features native XGA resolution, HD-SDI connectivity, DLP®/BrilliantColor™ and dual-lamp technologies. Designed for video stacking, the D8900 features centered optics with motorized lens shift, zoom and focus. The Vivitek D8900 offers six interchangeable bayonet lens options to match up with various installation requirements. Featuring built-in edge blending and warping capabilities, the D8900 can take you beyond its native aspect ratio and into endless possibilities.

Features

- Native XGA (1024x768) resolution
- 10,000 lumens with a 3000:1 contrast ratio
- Dual-lamp technology limits down-time
- Two Interchangeable color wheels: RGBCWY (High Brightness), RGBCMY (Color Enhancement)
- Centered lens design with six (6) interchangeable bayonet lens options
- Connectivity options include: 3G HD-SDI (in/out), HDMI, DVI-D, BNC, VGA-in, Composite, S-video
- Built-In edge blending and warping capabilities
- Motorized lens shift (vertical/horizontal) and power zoom/focus
- 10 discrete lens memories
- RJ45/RS-232c for integration and system administration
- 12-V trigger for external module connection
- Rear cover design for quick and easy lamp replacement

Specifications	
Brightness	10,000 ANSI Lumens
Native Resolution	XGA (1024 x 768)
Max. Resolution	WUXGA (1920 x 1200)
Contrast Ratio	3000:1 (Full On/Full Off)
Lamp Life and Type	2500/2000 Hours (Eco/Normal), 400W Dual Lamp
Lamp Part #	3797772800-SVK
Display Type	Single DMD DLP® Technology by Texas Instruments
Aspect Ratio	4:3 Native, 16:9 Compatible
Keystone Correction	± 30° Vertical, ± 35° Horizontal
Color Spectrum	1.07 Billion
Horizontal Scan Rate	15 to 108 KHz
Vertical Scan Rate	48 to 120Hz
Remote Control	Fully Featured IR Remote
Projection Method	Table Top or Ceiling Mount (Front or Rear)
Uniformity	85%
Computer Compatibility	WUXGA, 1080p, UXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized; VESA Standards; PC and Macintosh Compatible
Video Compatibility	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p), 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 v1.3, DVI-D, BNC (YPbPr/RGBHV), VGA-In, S-Video, Composite, 3G HD-SDI (In), 3G HD-SDI (Out), RJ45, 12V Trigger, RS-232C, Wired Remote
Security	N/A
Weight	53lbs (24 kg)
Dimensions (W x H x D)	20.0" x 9.0" x 21.8" (508 x 229 x 552.6mm)
Noise Level (Eco/Normal)	Single Lamp: 39dB/39dB, Dual Lamp: 39dB/43dB
Power	Supply: AC Input 100 - 240V, 50/60Hz Single Lamp Consumption: 450W (Normal), 440W (Eco), 0.5W (Standby) Dual Lamp Consumption: 995W (Normal), 960W (Eco), 0.5W (Standby)
Operating Temperature	41 to 104°F (5 to 40°C), 95% Max Humidity
Warranty	5-Year Limited Parts/Labor, 1-Year Lamp
Standard Accessories*	AC Power Cord, VGA Cable, Mini-Jack Wired Remote Cable, RGBCMY Color Wheel, Remote Control, Batteries for Remote, User's Manual (CD), Warranty Card
UPC	8 14964 336316



*Lenses sold separately.

Lens Part No.	3797745100-SVK	3797745200-SVK	3797744200-SVK	3797745000-SVK	3797745400-SVK	3797744900-SVK
Lens Description	Short Fixed Lens	Short Zoom Lens	Standard Zoom Lens	Long Zoom Lens 1	Long Zoom Lens 2	Long Zoom Lens 3
Throw Ratio (±3%)	0.79:1	1.30 to 1.85:1	1.79 to 2.35:1	2.30 to 3.81:1	3.71 to 5.57:1	5.50 to 8.56:1
Image Size (Diagonal)	50" to 300" (1.3 to 7.6m)	50" to 300" (1.3 to 7.6m)	50" to 300" (1.3 to 7.6m)	50" to 300" (1.3 to 7.6m)	50" to 300" (1.3 to 7.6m)	50" to 300" (1.3 to 7.6m)
Projection Distance	2.63' to 15.8' (0.8 to 4.8m)	4.33' to 36.4' (1.3 to 11.0m)	5.97' to 47' (1.8 to 14.3m)	7.67' to 76.2' (2.3 to 23.2m)	12.4' to 111.4' (3.8 to 33.9m)	18.3' to 171.2" (5.5 to 52.1m)
Projection Lens	F=1.85, f=11.6mm	F=1.85-2.5, f=18.7-26.5mm	F=1.7-1.9, f=26-34mm	F=1.86-2.48, f=32.9-4.2mm	F=1.85-2.41, f=52.8-79.1mm	F=1.85-2.48, f=78.5-121.9mm
Zoom Ratio	Fixed Lens, Power Focus	1.42:1, Power Zoom/Focus	1.31:1, Power Zoom/Focus	1.65:1, Power Zoom/Focus	1.50:1, Power Zoom/Focus	1.55:1, Power Zoom/Focus
Lens Shift Range (Motorized)	N/A	Vertical: ±100%, Horizontal: ±20%	Vertical: ±100%, Horizontal: ±20%	Vertical: ±100%, Horizontal: ±20%	Vertical: ±100%, Horizontal: ±20%	Vertical: ±100%, Horizontal: ±20%