



Impressive Brightness and Abundant Features for an Exceptional Large Screen Experience

The ideal solution for diverse large-venue applications, the Vivitek DW6851 features native WXGA resolution, DLP[®]/BrilliantColor[™], dual-lamp technologies, and HDBaseT. Designed with centered optics, motorized lens shift, zoom and focus including lens memories. The Vivitek DW6851 offers seven (7) interchangeable bayonet lens options to meet most all installation requirements. Interchangeable color wheel (included) for vibrant color enhancement. The DW6851 can take you beyond its native aspect ratio and into endless possibilities.

Features

- Native WXGA resolution to match today's display requirements
- Extremely bright at 7000 lumens with a 3000:1 contrast ratio
- Dual-lamp technology limits down-time
- Centered lens design with seven (7) interchangeable bayonet lens options
- Connectivity options include: HDMI, Display Port, DVI-D, BNC, VGA-in,
- Motorized lens shift (vertical/horizontal) and power zoom/focus
- Lens memory feature, 10 settings available
- Interchangeable Color Enhancement Color Wheel (included)
- HDBaseT
- RJ45/RS-232 for integration and system administration
- 12-V trigger for external module connection
- Rear cover design for quick and easy lamp replacement



Specifications	
Brightness	7000 ANSI Lumens
Native Resolution	WXGA (1280 x 800)
Max. Resolution	WUXGA (1920 x 1200)
Contrast Ratio	3000:1 (Full On/Full Off)
Lamp Life and Type	2500/2000 Hours (Eco/Normal), 350W Dual Lamp
Lamp Part #	3797802500-SVK
Display Type	Single DMD DLP [®] Technology by Texas Instruments
Aspect Ratio	16:10 Native, 4:3 and 16:9 Compatible
Keystone Correction	± 30° Vertical
Color Spectrum	1.07 Billion
Horizontal Scan Rate	15 to 108 KHz
Vertical Scan Rate	48 to 120Hz
3D	Full 3D
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 v1.4, DVI-D, Display Port, DVI-D, 5 BNC (YPbPr/RGBHV), VGA-In, VGA-Out, 12V Trigger, RJ45 (HDBaseT compatible), RS-232, 3D Sync, Wired Remote, USB (Service)
Security	N/A
Weight	44.1lbs (20 kg)
Dimensions (W x H x D)	20.1" x 9.55" x 21.26" (510 x 230 x 540mm)
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: 870W (Normal), 660W (Eco), <0.5W (Standby Mode, LAN, RS232 Off)
Operating Temperature	41 to 104°F (5 to 40°C), 90% Max Humidity
Warranty	5-Year Limited Parts/Labor, 1-Year Lamp or 1000 hours
Standard Accessories*	AC Power Cord, VGA Cable, Remote Control, Batteries for Remote, RGBCMY Color Wheel, User's Manual (CD), Warranty Card.
UPC	8 14964 33930 0

*Lenses sold separately.

Lens Part No.	3797745100-SVK	3797804200-SVK	3797745200-SVK	3797744200-SVK	3797745000-SVK	3797745400-SVK	3797744900-SVK
Lens Description	Wide Fixed Lens (D88-WF18501)	Ultra Short Zoom Lens ((D88-UWZ01)	Short Zoom Lens (D88-WZ01)	Standard Zoom Lens (D88-ST001)	Long Zoom Lens 1 (D88-SMZ01)	Long Zoom Lens 2 (D88-LOZ101)	Long Zoom Lens 3 (D88-LOZ201)
Throw Ratio (±3%)	0.8:1	0.78 to 0.99:1	1.31 to 1.87:1	1.81 to 2.38:1	2.33 to 3.86:1	3.76 to 5.64:1	5.56 to 8.67:1
Image Size (Diagonal)	40" to 500" (1.01 to 12.7m)	40" to 500" (1.01 to 12.7m)	40" to 500" (1.01 to 12.7m)	40" to 500" (1.01 to 12.7m)	40" to 500" (1.01 to 12.7m)	40" to 500" (1.01 to 12.7m)	40" to 500" (1.01 to 12.7m)
Projection Distance	2.26' to 28.3' (0.69 to 8.62m)	2.21' to 35.0' (0.67 to 10.67m)	3.71' to 66.2' (1.13 to 20.18m)	5.12' to 84.2' (1.56 to 25.6m)	6.6' to 136.7' (2.01 to 41.6m)	10.6' to 199.7' (3.23 to 60.87m)	15.7' to 307' (4.78 to 93.57m)
Projection Lens	F=1.85 f=11.6mm	F=1.96-2.3 f=11.3-14.1mm	F=1.85-2.5 f=18.7-26.5mm	F=1.7-1.9, f=26-34mm	F=1.86-2.48 f=32.9-54.2mm	F=1.85-2.41 f=52.8-79.1mm	F=1.85-2.48 f=78.5-121.9mm
Zoom Ratio	N/A	1.25:1	1.41:1	1.31:1	1.65:1	1.5:1	1.55:1
Lens Shift Range (Motorized)	N/A	Vertical: 0 to 50%, Horizontal: ±10%	Vertical: 0 to 50%, Horizontal: ±10%	Vertical: 0 to 50%, Horizontal: ±10%	Vertical: 0 to 50%, Horizontal: ±10%	Vertical: 0 to 50%, Horizontal: ±10%	Vertical: 0 to 50%, Horizontal: ±10%