



## Large Venue Presentation Solution for Demanding Video Applications

Designed for large venue installation applications, the Vivitek D6510 features dual-lamp, interchangeable lenses and color wheels to enhance demanding video applications. With Texas Instruments' DLP<sup>®</sup> chipset the Vivitek D6510 produces vivid digital images. DLP's image processing includes noise reduction, 3:2/2:2 pull-down film mode, edge-adaptive interpolation and dynamic black to provide the best picture with unbelievable clarity and video quality.

### Features

- 6500 lumens of brightness with a 3000:1 contrast
- Dual-lamp switching technology
- Interchangeable lenses and color wheels
- Native XGA resolution and displays up to UXGA
- DLP/BrilliantColor™ technologies by Texas Instruments
- Enhanced color and display adjustments
- RJ45/RS-232c for integration and system administration
- 12V trigger for simple screen/projector automation



### Specifications (with Standard Lens)

Brightness (Typical)	6500 Lumens
Native Resolution	XGA (1024x768)
Max. Resolution	UXGA (1600x1200)
Contrast Ratio	3000:1 (Full On/Full Off)
Lamp Life and Type	≈1500/2500 Hours (Standard/Economy Mode), 280W Dual Lamp
Lamp Part #	5811100818-S
Display Type	Single 0.7" DLP <sup>®</sup> Technology by Texas Instruments
Aspect Ratio	4:3 Native, 16:9 Compatible
Keystone Correction	Vertical: ±40°, Horizontal: ±35°
Color Spectrum	16.7 Million
Horizontal Scan Rate	15, 30 to 90 KHz
Vertical Scan Rate	50 to 85 Hz
Speakers	3W Stereo (x2)
Remote Control	Full Featured IR Remote with Laser Pointer
Projection Method	Table Top or Ceiling Mount (Front or Rear)
Uniformity	85%
Computer Compatibility	UXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized; VESA Standards; PC and Macintosh Compatible
Video Compatibility	SDTV (480i), EDTV (480p), HDTV (720p, 1080i), NTSC 4.43, PAL (B, G, H, I, M, N/60), SECAM
I/O Connection Ports	DVI-D (HDCP), Component Video, BNC, VGA-In, Composite Video, VGA-Out, S-Video, RCA Stereo-In (x2), Mini-Jack Audio-In (x3), Mini-Jack Audio-Out, RJ45, RS-232c, 12V Trigger, USB (Service)
Weight	37.5 lbs (17 kg)
Dimensions (W x H x D)	20" x 7.7" x 15.3" (508 x 195 x 389 mm)
Noise Level	39dB/34dB (Standard/Economy Mode)
Power	Supply: AC 100-240V Consumption: 580W (Economy Mode), 710W (Standard Mode), <5W (Standby Mode)
Operating Temperature	41 to 104°F (5 to 40°C)
Warranty	3-Year Limited Parts/Labor, 1-Year Lamp
Standard Accessories*	AC Power Cord, VGA Cable, Remote Control, Batteries for Remote, Lens Cap, User's Manual (CD), Warranty Card
UPC	8 1496433521 0

\*Lenses sold separately.

Lens Part No.	GB940G (Standard Zoom)	GC805G (Short Wide Fixed)	GB942G (Short Zoom)	GB949G (Long Zoom)	GB957G (Ultra Long Zoom)
Throw Ratio (±3%)	1.78 to 2.35:1	0.77:1	1.33 to 1.79:1	2.22 to 4.43:1	4.3 to 8.3:1
Image Size (Diagonal)	40" to 500" (1.0 to 12.7 m)	50" to 200" (1.3 to 5.1 m)	40" to 500" (1.0 to 12.7 m)	40" to 500" (1.0 to 12.7 m)	40" to 500" (1.0 to 12.7 m)
Projection Distance	4.7' to 78.3' (1.6 to 25.6 m)	2.6' to 10.3' (0.8 to 3.3 m)	3.5' to 59.7' (1.1 to 18.2 m)	5.9' to 147.7' (1.8 to 45.0 m)	11.5' to 276.7' (3.5 to 84.3 m)
Projection Lens	F=1.7-1.9, f=26-34mm	F=2, f=11.4mm	F=1.8-2.3, f=19.3-25.8mm	F=2.1-2.9, f=32-63mm	F=2.2-3.1, f=63.5-117.4mm
Zoom Ratio	1.3:1 Power Zoom/Focus	Fixed Lens, Power Focus	1.3:1 Manual Zoom/Focus	2.0:1 Power Zoom/Focus	1.87:1 Power Zoom/Focus
Lens Shift Range (Motorized)	Vertical: 150%, Horizontal: ±30%	N/A	Vertical: 150%, Horizontal: ±30%	Vertical: 150%, Horizontal: ±30%	Vertical: 150%, Horizontal: ±30%