



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[®] 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 [®] 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% |