vivitek®
Vivid Color, Vivid Life

Large Venue Projector

Vivitek DU6198Z

Super-bright LV laser projector with rich connectivity, HDBaseT™ and 20,000 hours of operational time

Features

- Laser phosphor engine incorporating a lamp-less design that is mercury-free and environmentally friendly
- 8,500 lumens** with a high 3,000,000:1***/1,300:1**** contrast ratio for an amazing image quality
- Low maintenance with up to 20,000 hours of operating time
- Native WUXGA resolution with a maximum UHD-4K resolution
- 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)
- Distorted and trapezoid image issues are easily corrected with keystone, and 4-corner adjustment
- High Dynamic Range (HDR10) for enriched brightness and impeccable vibrancy for precise natural colors
- Full suite of display connectivity inputs and outputs including: HDMI v2.0, DVI-D, Component (5 BNC), VGA-In/Out, HDBaseT™
- HDBaseT™ interface with support for distribution of digital HD video content over standard CAT5e/6 LAN cable
- Advanced HDMI 2.0 connectors for high quality digital video signals and quick data transfer rates
- 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
- Six (6) interchangeable lens options with quick touch lens release design for easy lens removal and reinstallation
- Sealed optical engine and filter-less design keep dust out and improves performance
- 24/7 continuous operation with no downtime

Photos

Specifications

Display Type	Single Chip 0.67" DLP Technology by TI
Brightness	8,500 Lumens**
Native Resolution	WUXGA (1920 x 1200)
Maximum Resolution	UHD (3840x2160)@60Hz
Contrast Ratio	3,000,000:1 (FO/FO with DB enabled)***
	1,300:1 (FO/FO with DB disabled)****
Laser Life/Type	Up to 20,000 hours (Laser Phosphor Light Engine)
Throw Ratio*	1.54 - 1.93:1
Image Size Range (Diagonal)	32.1" (Min) - 500" (Max) (Depends on option lens spec)
Projection Distance Range	1m (Min) - 20m (Max) (Depends on option lens spec)
Projection Lens*	F=2.02 - 2.4, f= 22.79 - 28.55mm
Zoom Ratio*	1.25x
Aspect Ratio	16:10
Offset	N/A
Keystone Correction	Vertical ±30°, Horizontal ±25°
Horizontal Frequency	15, 31 – 91.4Hz
Vertical Scan Rate	24 - 30Hz, 47 – 120Hz
3D Functionality	Yes (DLP® Link™, HDMI v2.0 (Blu-ray, side by side, frame packing, top and bottom))
Lens Shift Range	Vertical: -15% to 55%, Horizontal: -5% to 5%
Computer Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA,4K@60hz, Mac
Video Compatibility	SDTV (480i, 576i) / EDTV (480p, 576p) / HDTV (720p, 1080i, 1080p)
I/O Connection Ports	HDMI v2.0 (x2), DVI-D, Component (5 BNC), VGA-In, Audio-In (Mini-Jack), VGA-Out, Audio-Out RCA (L/R), 3D-Sync In/Out, USB Type A Power (5V/1.5A), RJ45, R232-In/Out, 12v Trigger, HDBaseT™, Wired Remote In/Out, USB (Service)
Projection Method	Table Top, Ceiling Mount, Portrait (Front or Rear)
Security Solutions	Kensington® Security Slot, Security Bar, Keypad Lock
Dimensions (WxDxH)	580 x 500 x 210mm (22.8" x 19.7" x 8.3")
Weight	26kg (57.3lbs)
Available Colors	Black
Noise Level	38dB/35dB (Normal/Eco. Mode)
Power Supply	AC 100-240V, 50/60Hz
Power Consumption	Normal	880@110VAC
	Network Standby	Less than 2W
	Eco Standby	Less than 0.5W
Environmental Conditions	Operating	At temperature 0 to 40◦C, relative humidity 10% to 85%,non-condensation
	Storage	At temperature -10 to 60 ℃,relative humidity 5% to 95%,non-condensation
Standard Accessories	AC Power Cord, VGA Cable, Remote Control w/Batteries, Lens Cap, Documentation Kit
Optional Accessories	Interchangeable Lens Options (x5)

*Note: Standard Lens
**Note: Brightness specifications are in compliance with ISO 21118 standards
*** Note: Contrast: FO/FO (Full On/Full Off) with DB enabled
**** Note: Contrast: FO/FO (Full On/Full Off) with DB disabled