vivitek

Large Venue Projector

DU7299Z+

Super-bright LV laser projector with rich connectivity and 20,000 hours of operational time & virtually maintenance free performance.

Features

- Sold state laser phosphor light source for reliable projection and performance
- Environmentally friendly lamp-less design that is mercury-free and energy efficient
- DLP® and BrilliantColor™ technologies for high-performance projection
- Brightness 10,000 lumens with a high 3,000,000:1 contrast ratio for an amazing image quality
- Almost maintenance-free with up to 20,000 hours of operating time
- Native WUXGA resolution with up to UHD-4K video signal transmission through HDBaseT™ and HDMI v2.0 interface
- Embedded smart sensor detects the brightness levels and automatically adjusts the output levels to ensure a constant bright image
- Powered zoom, focus and lens shift (horizontal/vertical) for easy adjustment and positioning flexibility
- Lens Positioning Memory for quick recall of user defined lens positions (focus, zoom and lens shift)
- Distorted and trapezoid image issues are easily corrected with HV keystone and 4-corner adjustments
- High Dynamic Range (HDR10) delivers enriched brightness and vibrancy for precise natural colors
- Full suite of display connectivity inputs and outputs including: HDMI v2.0, DVI-D, HDBaseT™, Component (5 BNC), VGA-In/Out
- HDBaseT™ interface with support for distribution of digital HD video content over standard CAT5e/6 LAN cable
- 3D compatibility with DLP® Link™ and HDMI 2.0 technology support (Blu-ray, side by side, frame packing, top and bottom) for dazzling and realistic life-like images
- 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
- Built-in 12V trigger for convenient screen control
- Ten (10) interchangeable lens options with quick touch lens release design for easy lens removal and re-installation
- Airtight sealed engine and filter-less design for improved performance against fighting dust and fibers
- Optimized system layout with high efficiency cooling system
- 24/7 continuous operation with no downtime
- Network ready for integration and system administration via RJ45
- Remotely manage and monitor a location's networked projectors from a centralized PC with Vivitek Projector Control Suite - a free companion app for Windows OS
- Supported Art-Net protocol with DMX controller for Stage Console system
- Usage time & power level locked provide convenient settings for rental market

Photos

Specifications

Display Type	Single Chip 0.67" DLP Technology by TI
Brightness**	10,000 Lumens
Native Resolution	WUXGA (1920 x 1200)
Maximum Resolution	UHD (3840x2160) @60Hz
Contrast Ratio	1,300:1 (Native) / 20,000:1 (Dynamic) / 3,000,000:1 (Full On/Off)
Laser Life/Type	Up to 20,000 hours (Laser Phosphor Light Engine)
Throw Ratio*	1.54 - 1.93:1
Image Size (Diagonal)*	32.1" - 500" (Depends on option lens spec)
Projection Distance*	1m - 20m (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	Motorized Lens Shift
Keystone Correction	Horizontal ±30°, Vertical ±30°
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**	V: Bottom 50% to Top 70%, H: Left 15% to Right 15%
Computer Compatibility	VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080P, WUXGA,4K@60hz, Mac
I/O Connection Ports	HDMI v2 (x2) (HDCP v2.2 Compliant), DVI-D, Component (5 BNC) (RGBHV), 3D-Sync-In, VGA-In, Audio-In (Mini-Jack), Monitor-Out, Audio-Out RCA (L/R), 3D Sync-Out, USB Type A Power (5V/1.5A),12V Trigger, RS-232-In, RS-232-Out, Wired Remote-In, Wired Remote-Out, HDBaseT™, RJ45 (LAN), USB (Service)
Projection Method	Table Top, Ceiling Mount, Portrait (Front or Rear)
Security Solutions	Kensington® Security Slot, Security Bar, Keypad Lock
Dimensions (WxDxH)	470 x 517 x 202mm (18.5" x 20.3" x 7.9")
Weight	23.5kg (51.8lbs)
Available Colors	White (DU7199Z-WH), Black (DU7199Z-BK)
Speakers	10W x2
Noise Level	40dB \ 38dB (Normal \ Eco Mode)
Power Supply	AC 100-240V, 50/60Hz

Power Consumption	Normal	575W@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∘C, relative humidity 5% to 95%,non-condensation

Standard Accessories	AC Power Cord, Remote Control w/Batteries, Lens Cap, Documentation Kit
Optional Accessories	Interchangeable Lens Options (x10) including: 0.38:1 / 0.47~0.5:1 / 0.77~1.1:1 / 1.1~1.3:1 / 1.25~1.6:1 / 1.54~1.93:1 / 1.93~2.9:1 / 2.22~3.67:1 / 3.58~5.38:1 / 5.31~8.26:1 /

* Note: Standard Lens
**Note: Brightness specifications are in compliance with ISO 21118 standards is equal to ISO lumens