



Conference Projector

DU5051Z series

High performance WUXGA laser projector with HDMI2.0,
Full suite of displays ports.



Features

- Solid 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 6,300 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™(option) and HDMI v2.0 interface
- Manual zoom and focus for easy adjustment and positioning flexibility.
- 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.
- Display connectivity inputs and outputs including: HDMI v2.0, HDBaseT™(option) and HDMI out
- HDBaseT™ (option)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.
- Two (2) optics lens options 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** | 6,300 Lumens | |
| Native Resolution | WUXGA (1920 x 1200) | |
| Maximum Resolution | UHD (3840x2160) @60Hz | |
| Contrast Ratio*** | 3,000,000:1 (Full On/Off) | |
| Laser Life/Type | Up to 20,000 hours (Laser Phosphor Light Engine) | |
| Throw Ratio* | 1.15 - 1.9 : 1 (STD) | |
| Image Size (Diagonal)* | 36" - 313" (STD) | |
| Projection Distance* | 1.5m – 6.3m (STD) | |
| Projection Lens* | F#2.45 - 3.13, f =17.23 - 27.9mm | |
| Zoom Ratio* | 1.65x | |
| Aspect Ratio | 16:10 (Default) | |
| Offset | +95%~+115% (STD) | |
| 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, frame sequential) | |
| Lens Shift Range* | V: 20% range (STD) H: Left 2% to Right 2% | |
| Computer Compatibility | VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080P, WUXGA,4K@60hz, Mac | |
| I/O Connection Ports | HDMI 2.0 (x2) (HDCP v2.3 Compliant), 3D-Sync Out , HDMI Out, Audio-Out (Mini Jack), USB Type A Power (5V/2.0A), RS-232-In, RJ45 (LAN), USB Mini B (Service), HDBaseT™ (option) | |
| Projection Method | Table , Ceiling , Portrait with Front or Rear | |
| Security Solutions | Kensington® Security Slot, Security Bar, Keypad Lock | |
| Dimensions (WxDxH) | 496x380x160mm (19.5" x 14.9" x 6.3") w/o foot | |
| Weight | 12kg (2.4lbs) | |
| Available Colors | White and Black | |
| Speakers | 10W x1 | |
| Noise Level | 35dB \ 30dB (Normal \ Eco Mode) | |
| Power Supply | AC 100-240V, 50/60Hz | |
| Power Consumption | Normal | 493W @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, Documentation Kit | |
| Optional Accessories | Lens Options (x2) including : TR 0.5:1(TBC) / TR 0.8~1.1:2 | |

* Note: Standard Lens

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

***Note: Contrast ratio 2,000:1 (Native)

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