vivitek

Conference Projector

DU5053Z-ST

High performance WUXGA laser projector
Short-Throw, Center Lense, Immersive

Features

Picture Quality

- Advanced Technologies: DLP® and BrilliantColor™ for high-performance projection.
- High Brightness and Contrast: 6,500 lumens and a 3,000,000:1 contrast ratio for stunning visuals.
- Wide Color Gamut Range: HDR10, REC 709 >93%
- High-Resolution Support: Native WUXGA resolution with UHD-4K video signal transmission.

Durability

- Laser Light Source: Ensures reliable performance and long-lasting projection.
- Almost Maintenance-Free: Up to 20,000 hours of operating time.
- Dust-Resistant Design: sealed optical engine design for against dust and fibers.

Installation Flexibility

- Easy Adjustment: manual zoom and focus, and perfect image alignment with HV keystone and 4-corner adjustments.
- Portrait and 360° Projection: Suitable for various installation angles, including 90° setups.

Connectivity

- Versatile Connectivity: HDMI v2.0, HDBaseT™, USB-A, and HDMI out.
- HDBaseT™ Interface (Optional): Supports the distribution of digital HD video content over standard CAT5e/6 LAN cables.
- 3D Compatibility: DLP® Link™ for realistic 3D images

Control

- Remote Management: Vivitek Projector Control Suite for centralized monitoring and management via a free Windows OS companion App.
- Art-Net Protocol Support: Compatible with DMX controllers for stage use.
- Rental Market Features: Usage time and power level locks for convenient settings.

Eco-Friendly

- Eco-Friendly Design: Lamp-free, mercury-free, and energy-efficient.

Specifications

Display Type	Single Chip 0.67" DLP Technology by TI
Brightness**	6,500 Lumens
Native Resolution	WUXGA (1920 x 1200)
Maximum Resolution	UHD (3840x2160) @60Hz
Contrast Ratio	1,600:1 (Native) / 3,000,000:1 (Full On/Off)
Laser Life/Type	Up to 20,000 hours (Laser Phosphor Light Engine)
Throw Ratio*	0.5:1
Image Size (Diagonal)*	36.7" - 322" (TBD)
Projection Distance*	1.5m - 8m (TBD)
Projection Lens*	F#2.45 - 3.13, f =17.23 - 27.9mm
Zoom Ratio*	Fixed
Aspect Ratio	16:10 (Default)
Offset	+100%~+110% (TBD)
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: >-10%~+10%, +/-4% (TBD)
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-A Power (5V/2.0A), RS-232-In, RJ45 (LAN), USB Mini B (Service)
Speakers	12W x1
Security Solutions	Kensington® Security Slot, Security Bar, Keypad Lock
Dimensions (WxDxH)	496x380x160mm w/o foot
Weight	12kg
Available Colors	White / Black
Noise Level	34dB \ 31dB (Normal \ Eco Mode)
Power Supply	AC 100-240V, 50/60Hz

Power Consumption	Normal	400W@110V (TBD)
	Network Standby	Less than 2W
	Eco Standby	Less than 0.5W
Standard Accessories	AC Power Cord, Remote Control w/Batteries, Documentation Kit	
Optional Accessories	HDBaseT™ Dongle / Wireless Dongle	

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

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