



Large Venue Laser Projector

DU8055Z

Single-Chip, 16,000 lumens, LaPh+Red Laser Designed
WUXGA Resolution, Excellent Image Performance,
Built-In Edge Blending and Warping, Power Lens supported
and 4K-UHD Compatible



Features

- **DLP® DarkChip3™ and BrilliantColor™ Technologies:** Optimal black levels and vibrant colors.
- **Laser Phosphor Light Source:** Reliable, lamp-less, mercury-free, and energy-efficient.
- **Native WUXGA Resolution, 4K-UHD Max.:** Sharp and detailed images.
- **Up to 30,000 Hours Operating Time:** Minimal maintenance required.
- **16,000 Lumens and 3,000,000:1 Contrast Ratio:** Superior image quality with rich colors.
- **Built-In Edge Blending and Warping:** Seamless projection integration.
- **Smart Sensor:** Automatically adjusts brightness levels for consistent image quality.
- **Advanced Calibration:** Includes gamma and color management for fine-tuning.
- **Powered Zoom, Focus, and Lens Shift:** Flexible adjustment options.
- **Interchangeable Lenses:** Eight options with quick-touch release.
- **Lens Positioning Memory (LPS):** Quick recall of user-defined settings.
- **Portrait Mode and 360° Operation:** Versatile installation and projection
- **Instant Power On/Off:** No pre-heating or post-cooling required.
- **24/7 Continuous Operation:** Reliable performance with no downtime.
- **Comprehensive Connectivity:** HDMI v2.0, DisplayPort 1.2, DVI-D, 3G-SDI-In/Out, HDBaseT™.
- **HDBaseT™ Support:** Digital HD video content over standard LAN cables.
- **3D Support:** Frame sequential and dual channel.
- **High-Efficiency Cooling System:** Optimized system layout.
- **Heavy-Duty Steel Chassis:** Extra strength and durability.
- **Network Ready:** Integration and system administration via RJ45.
- **Camera-Based Auto-Calibration:** Mobile phone support for calibration.

Photos



Specifications

Display Type	Single Chip 0.8" DLP Technology by TI	
Brightness*	16,000 Lumens	
Native Resolution	WUXGA (1920 x 1200)	
Maximum Resolution	4K 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 30,000 hours / Dual Laser Technology	
Throw Ratio**	1.4- 2.11:1	
Image Size (Diagonal) **	60" - 500"	
Projection Distance**	1.78 - 23.2m (5.84ft to 76.1ft)	
Projection Lens**	F = 1.8-2.11	
Zoom Ratio**	1.51:1	
Aspect Ratio	16:10	
Offset	Motorized Lens Shift	
Lens Shift Range**	Vertical: ±60%, Horizontal: ±20%	
Keystone Correction	Horizontal ±60°, Vertical ±40° (Adjustable Range of Single Direction)	
Horizontal Frequency	23.67 ~ 135 kHz	
Vertical Scan Rate	24~30Hz ;47~120Hz	
Edge Blending	Yes (Built-In)	
Warping	Yes (Built-In)	
3D Functionality	Yes (DLP® Link™, HDMI v2.0 Blu-ray, side by side, frame packing, top and bottom, frame sequential)	
Computer Compatibility	VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080P, WUXGA, 4k UHD@60hz, Mac	
Video Compatibility	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p, 4K UHD)	
I/O Connection Ports	HDMI v2.0 (x2) (HDCP v2.2 Compliant), Display Port 1.2 x2 ,DVI-D x1, 3G SDI-In/Out, 3D Sync In/Out, 3D IR Sync Out x1, RS232-in /out ,12v Trigger, Wired Remote in/out , USB 5V1.5A , HDBaseT™x1 (VS2000) , LAN (RJ45) x1	
Projection Method	Table Top, Ceiling Mount, Portrait (Front or Rear)	
Dimensions (WxDxH)	591 x 500 x 218mm (23.3" x 19.7" x 8.6")	
Weight	29.4kg (64.8 lbs)	
Available Colors	Black	
Noise Level	39 dB / 37dB (Normal / Eco Mode)	
Power Supply	AC 100-240V, 50/60Hz	
Power Consumption	Normal \ Eco	986W@220Vac \ 1023W@110Vac
	Network Standby	Less than 3W
	Eco Standby	Less than 0.5W
Environmental Conditions	Operating	At temperature 0 to 40° C, relative humidity 10~85% (with the maximum temperature of 35° C) , non-condensation
	Storage	At temperature -20 to 60° C, relative humidity 10% to 90%,non-condensation
Standard Accessories	AC Power Cord, Remote Control w/Batterie, Remote Control Cable, Documentation Kit	
Optional Accessories	Interchangeable Lens Options (x8) T/R 0.31~0.33 · T/R 0.55~0.75 · T/R 0.74 - 1.08 · T/R 1.05 -1.41 · T/R 1.4- 2.11 · T/R 2.1-4.0 · T/R 3.0-4.52 · T/R 4.46 -6.94	

* Note: Brightness specifications follow ISO 21118 standards and equal to ISO lumens
**Note: with Standard Lens

© 2024 Vivitek. Vivitek is a trademark of Delta Electronics, Inc. Other trademarks are the properties of their respective owners. Values, weights and dimensions shown are