vivitek

Flagship Large Venue Projector

DU9055Z

Super-bright with Dual Laser projector delivering 24,000 lumens. Rich connectivity, Optimal Brilliant Color performance and 30,000 hours of operational time

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® DarkChip3™and BrilliantColor™ technologies for optimal black levels and vibrant colorful images
- 24,000 lumens with a dynamic 20,000:1 contrast ratio for an amazing image quality
- Embedded smart sensor detects the brightness levels and automatically adjusts the output levels to ensure a constant bright image
- With red Laser light source produces rich colors for an incredible cincematic like movie experience
- Fine tune and optimize an image with advanced calibrations, including gamma and color management settings
- Almost maintenance-free with up to 30,000 hours of operating time
- Native WUXGA resolution with a maximum 4K UHD resolution
- Built-in hardware edge blending and warping functionality
- 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)
- Full suite of display connectivity inputs including: HDMI v2.0, DVI-D, 12G-SDI-In/Out, HDBaseT™
- HDBaseT™ interface with support for distribution of digital HD video content over standard CAT5e/6 LAN cable
- Frame sequential and dual channel 3D support
- 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
- Instantaneous power-on & off, so no need for system pre-heating and post-cooling
- Crestron® RoomView™ integration for network monitoring and management
- Eight (7) interchangeable lens options with quick touch lens release design for easy lens removal and reinstallation from TR0.38 & 0.9 to 10.3
- Airtight sealed engine and filter-less design for improved performance against fighting dust and fibers
- Optimized system layout with high efficiency air cooling system
- Heavy duty steel chassis for extra strength and integrity
- 24/7 continuous operation with no downtime
- Network ready for integration and system administration via RJ45
- LCM information indicator, read information directly

Photos

Specifications

Display Type	Single Chip 0.96" DLP Technology by TI
Brightness*	24,000 Lumens
Native Resolution	WUXGA (1920 x 1200)
Maximum Resolution	4K UHD (3840x2160) @60Hz
Contrast Ratio	1,500:1 (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**	1.5- 2.0:1
Image Size (Diagonal) **	40" - 500"
Projection Distance**	1.24 - 21.8m (4.06ft to 71.5ft)
Projection Lens**	F = 2.17 – 2.65
Zoom Ratio**	1.33:1
Aspect Ratio	16:10
Offset	Motorized Lens Shift
Lens Shift Range**	Vertical: ±50%, Horizontal: ±15%
Keystone Correction	Horizontal ±45°, Vertical ±40° (Adjustable Range of Single Direction)
Horizontal Frequency	15.31 ~ 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), DVI-D x1, 12G SDI-In/Out, 3D Sync In/Out, 3D IR Sync Out x1, RS232-in x1 ,12v Trigger, Wired Remote in/out , USB 5V2A, HDBaseT™x1 (Video only) , LAN (RJ45) x1
Projection Method	Table Top, Ceiling Mount, Portrait (Front or Rear)
Dimensions (WxDxH)	676.6 x 598.8 x 270mm (29.7" x 23.6" x 10.6")
Weight	45.4kg (100 lbs)
Available Colors	Black
Noise Level	47dB / 45dB (Normal / Eco Mode)
Power Supply	AC 100-240V, 50/60Hz

Power Consumption	Normal \ Eco	1400W@220Vac \ 1050W@220Vac
	Network Standby	Less than 6W
	Eco Standby	Less than 1W

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, HDMI Cable, Remote Control Cable, Documentation Kit
Optional Accessories	Interchangeable Lens Options (x7) T/R 0.38 、T/R 0.9 - 1.2 、T/R 1.2-1.56 、T/R 1.5 - 2.0 、 T/R 2.0-4.0 、T/R 4.0-7.0 、 T/R 6.9 -10.3

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