

Large Venue Projector

Vivitek DU7090Z-WH

High Performance WUXGA Large Venue Laser Projector with HDBaseT™ Connectivity, MHL Compatibility and 3D Ready



Features

- Advanced laser phosphor light engine for superior brightness and color uniformity
- Lampless design delivers up to 20,000 hours of operational time
- Up to 6,000 ANSI lumens with a 15,000:1 contrast ratio
- Native WUXGA resolution with a maximum WUXGA resolution
- Manual zoom and focus for easy adjustment and positioning flexibility
- Centered lens for easy installation
- Horizontal and vertical lens shift for greater installation convenience and flexibility
- Distorted and trapezoid image issues are easily corrected with keystone, and 4-corner adjustment
- HDBaseT™ interface with support for distribution of HD video and digital audio content over standard CAT5e/6 LAN cable
- MHL device compatibility for streaming of video and audio content from a compatible mobile device
- Full suite of display connectivity inputs and outputs including: HDMI v1.4b, MHL/HDMI 1.4b, DVI-D, Composite Video, Component (5 BNC) (RGBHV), VGA-In, VGA-Out, HDBaseT™ and LAN
- 3D compatibility with DLP® Link™ and HDMI 1.4 Blu-Ray technology support
- 3D sync port for compatibility with IR (infrared) 3D passive synchronization protocol
- 360° (degree) installation for flexible installation in a wide variety of environmental conditions
- Network ready for integration and system administration via RJ45
- Crestron® RoomView™ integration for network monitoring and management
- Five (5) interchangeable lens options with quick touch lens release design for easy lens installation/removal
- Anti-theft security features include: Kensington® security slot, and security bar

Specifications

Display Type	Single Chip 0.67" DLP Technology by TI
Brightness	6,000 ANSI Lumens
Native Resolution	WUXGA (1920 x 1200)
Maximum Resolution	WUXGA (1920 x 1200) @60Hz
Contrast Ratio	15,000:1
Laser Life/Type	20,000 + hours (Laser Phosphor Light Engine)
Throw Ratio*	1.54 - 1.93:1
Image Size (Diagonal)*	36.1" - 211"
Projection Distance*	1.5m - 7m (4.9ft - 22.96ft)
Projection Lens*	F#2.0~2.09, f= 22.8 - 28.5mm
Zoom Ratio*	1.25x
Aspect Ratio	16:10
Offset	N/A (Manual Focus/Zoom)
Keystone Correction	Vertical ±30°, Horizontal ±30°
Horizontal Frequency	15, 31 - 91.4Hz
Vertical Scan Rate	24 - 30Hz, 47 - 120Hz
3D	Yes (DLP® Link™, HDMI 1.4 (Blu-Ray 3D))
Speaker	10W (x2)
Lens Shift Range*	Vertical: -15% - +55%, Horizontal: -5% - +5%
Computer Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz, Mac
Video Compatibility	SDTV (480i, 576i) / EDTV (480p, 576p) / HDTV (720p, 1080i, 1080p), NTSC (M, 3.58/4.43 MHz), PAL (B,D,G,H,I,M,N) SECAM (B,D,G,K,K1,L)
I/O Connection Ports	HDMI v1.4b, MHL/HDMI 1.4b, DVI-D, Composite Video, Component (5 BNC) (RGBHV), 3D-Sync-In, VGA-In, Audio-In RCA (L/R), Audio-In (Mini-Jack), VGA-Out, Audio-Out RCA (L/R), 3D Sync-Out, USB Type A Power (5V/2.0A), RJ45, 12V Trigger, RS-232-In, RS-232-Out, Wired Remote-In, Wired Remote-Out, HDBaseT™, LAN, USB (Service)
Projection Method	Table Top, Ceiling Mount (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	24.5kg (54lbs)
Available Colors	White (DU7090Z-WH), Black (DU7090Z-BK)
Noise Level	33dB/30dB (Normal/Eco. Mode)
Power Supply	AC 100-240V, 50/60Hz
Power Consumption	650W (Normal Mode), 530W (Eco. Mode), <0.5W (Standby Mode), <3W (LAN Standby Mode)
Standard Accessories	AC Power Cord, VGA Cable, Remote Control, Documentation Kit
Optional Accessories	Interchangeable Lens Options (x5)

*Note: Standard Lens
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Photos

