

Large Venue Projector

Vivitek DX6831

High Brightness XGA Projector with Powered Lens Shift and 3D Capabilities



Features

- 8000 ANSI Lumens and 3000:1 contrast ratio
- Native XGA resolution with a maximum UXGA resolution
- DLP® and BrilliantColor™ technologies for detailed image quality
- Powered horizontal and vertical lens shift
- Dual-lamp engine design to create a brighter picture and operational reliability should one lamp go down
- Range of versatile inputs: HDMI v1.4a, DisplayPort, VGA-Out, RJ45 and RS232C
- DisplayPort connector for digital audio and video signals
- HDBaseT® interface with support for distribution of HD video and digital audio content over standard CAT5e/6 LAN cable
- 3D compatibility with DLP® Link™ and HDMI 1.4 technology support (Blu-ray, side by side, frame packing, top and bottom) for dazzling and realistic life-like images
- 3D sync port for compatibility with IR (infrared) 3D passive synchronization protocol
- Built-in 12V trigger for convenient control of projector screen
- Crestron® RoomView™ integration for network monitoring and management
- Seven (7) interchangeable lens options for greater installation flexibility
- Anti-theft security features include: Kensington® security slot, security bar, PIN lock keypad and anti-theft lens screw

Specifications

Display Type	Single 0.7" DLP Technology by TI
Brightness	8000 ANSI Lumens
Native Resolution	XGA (1024 x 768)
Maximum Resolution	WUXGA (1920 x 1200) @60Hz
Contrast Ratio	3,000:1
Lamp Life/Type	2000/3500 Hours (Normal/Eco. Mode), 350W x 2
Throw Ratio*	1.79-2.35:1
Image Size (Diagonal)*	40" - 500"
Projection Distance*	1.42 - 24.28 m (4.65ft to 79.67ft)
Projection Lens*	F = 1.7 - 1.9, f = 26 - 34 mm
Zoom Ratio*	1.3x
Aspect Ratio	4:3
Offset	Power Lens Shift
Keystone Correction	Vertical +/-30
Horizontal Frequency	15, 30 - 90Hz
Vertical Scan Rate	50 - 85Hz
3D Compatibility	Yes (DLP® Link™, HDMI 1.4 (Blu-ray, side by side, frame packing, top and bottom))
Lens Shift Range*	Vertical: 0-50%, Horizontal: +/- 10%
Video Compatibility	SDTV(480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p), 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 v1.4a, DisplayPort, DVI-D, Component (5 BNC) (RGBHV), RGB-In, RGB-Out, 12V Trigger, 3D Sync-Out, RS-232C, USB (Service), Remote Jack (Wire Remote), RJ45/HDBaseT® (Shared Port)
Projection Method	Table Top, Ceiling Mount (Front or Rear)
Security Solutions	Kensington® Security Slot, Security Bar, Keypad Lock
Dimensions (WxDxH)	505 x 520 x 195mm (19.9"x 20.5" x 7.7")
Weight	20Kg (44.1 lbs)
Available Color	Black
Noise Level	Dual Lamp: 40dB/35dB (Normal/Economy Mode)
Power Supply	AC 110-240V, 50/60Hz
Power Consumption	Dual Lamp: 880W (Normal Mode), 630W (Eco. Mode), <0.5W (Standby Mode)
Standard Accessories	AC Power Cord, VGA Cable, Remote Control, Lens Cap, Interchangeable Color Wheel, Documentation Kit
Optional Accessories	Replacement Lamp, Remote Control, Interchangeable Lens Options (x7)

*Note: Standard Lens

Optional Lenses

Lens Name	Standard Lens	Wide Zoom	Wide Fix	Semi Long Zoom
Model No.	D88-ST001	D88-WF001	D88-WF18501	D88-SMLZ01
F#	1.7 - 1.9	1.85-2.5	1.85	1.86-2.48
Focal Length	26-34mm	18.7-26.5mm	11.6-	32.9-54.2mm
Zoom Ratio	1.3:1	1.41:1	--	1.65:1
Screen Size	40" - 500"	40" - 500"	40" - 500"	40" - 500"
Throw Ratio	1.79-2.35:1	1.3-1.85:1	0.79:1	2.3-3.81

Lens Name	Long Zoom 1	Long Zoom 2	Ultra-Wide Zoom
Model No.	D88-LOZ101	D88-LOZ201	D88-UWZ01
F#	1.85 - 2.41	1.85 - 2.48	1.96-2.3
Focal Length	52.8-79.1mm	78.5-121.9mm	11.3-14.1mm
Zoom Ratio	1.5:1	1.55:1	1.25:1
Screen Size	40" - 500"	40" - 500"	40"-500"
Throw Ratio	3.71-5.57:1	5.5-8.56:1	0.77-0.97:1

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Photos

