



DLP HEP Large Venue Laser Projector

FEATURES

- DLP® DarkChip3™ and BrilliantColor™; Enhanced black levels and vibrant colors
- 12000 ANSI Lumen with >30,000 hrs. laser life (Eco mode)
- 4K-UHD+ for exceptional Image Clarity and Detail
- Excellent color performance – DIPC3, Rec709, EBU, SMPTE, Dynamic Black Settings
- Integrated Edge Blending and Warping for seamless projection alignment
- Constant Brightness for extend light source life & easy blending
- Supported flexible installation, including 360° rotation and portrait mode
- Instant On/Off: No pre-heating or post-cooling needed
- Supported 3G-SDI / HDBaseT™ interface for distribution of HD video and digital audio content
- Network Ready; Easy integration and management with RJ45 connectivity
- Offers eight optional motorized interchangeable lenses with Lens Positioning Memory (LPS)



The Vivitek DK8150Z is a next-generation platform that redefines the capabilities of large venue projection. With HEP DMD, dual-laser technology, 4K+ resolution, and industry-leading features, it delivers brilliant visuals, flexible installation, and operational excellence, making it the go-to solution for professional environments.



DK8150Z SPECIFICATIONS

Image	Display Type	Single chip DLP® Technology by Texas Instruments
	Brightness	12000 ANSI Lumens
	Native Resolution	4K+ (3840 x 2400)
	Max. Supported Resolution	4K+ (3840 x 2400)@60Hz
	Contrast Ratio	3,000,000:1 (Full On/Off)
	Native Aspect Ratio	16:10
	Keystone Correction	Horizontal ±60°, Vertical ±40°
Optical	Throw Ratio	9 optional lenses from 0.31:1 to 6.94:1 throw ratio range
	Zoom Ratio	Motorized
	Offset	Motorized Lens Shift
	Lens Shift Range	Vertical: ±60%, Horizontal: ±20%
Features	Features	3D Ready(DLP link, PC+Video), Direct 3D (HDMI 1.4a), 3D Mandatory Formats supported (top/bottom, right/left, frame sequential), Keypad lock
Compatibility	Video	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p, 4K UHD)
Connectivity	I/O Connection Ports	HDMI Number of Ports 2 (x2), Display Port (x2), RJ45 (LANx1, HDBaseTx1), RS-232 (x2: In and Out), USB A (x1 (Power Only-5V/2A)), USB B (Service), Remote Jack(wire remote), 3G-SDI
General	Lamp Life and Type	20,000 hrs (Normal) / 30,000 hrs (Eco)
	Dimensions (W x D x H)	500 x 591 x 216 mm
	Weight	29.4 kg
	Noise Level	36dB / 34dB (Normal / Eco Mode)
	Power	AC 100-240V, 50/60Hz Consumption: 720W@220Vac (Normal), <0.5W (Standby)
	Control Software	PJ - Control V3.0
	Warranty	Large Venue Laser Phosphor Warranty: 5 Year projector / 5 years or 20.000h on the Laser Phosphor illumination source.(Whichever comes first)
	Standard Accessories	Lens Cap, Quick Start Guide, Warranty Card (by region), Remote Controller (with battery), AC Power Cord
	Optional Accessories	Remote Control P/N (5042221900)

OPTIONAL LENSES

Lens Name	Ultra Short Throw	-	Short Throw (Z)	Normal Throw 1	Standard Lens	Long Throw 1	Long Throw 2	Long Throw 3
Aspect Ratio	-	-	-	-	-	-	-	-
Throw Ratio	0.31-0.33	-	0.74-1.08	1.05-1.41	1.4-2.11	2.1-4.0	3.0 - 4.52	4.46 - 6.94:1
Projection Distance	0,38-3,01	-	0,75-12.19m	1,06-18,94	1,47-27,86	2,24-54,19	2,53-47,2	4.42-91.54
Image Size	60-400	-	50-500	50-600	50-600	50-600	40-500	47,6-595
Zoom	1,06	-	1,46	1,34	1,5	1,41	1.5	1.55
F Number	2.05 - 2.06	-	2.02-2.33	1.9 - 2.08	1.8-2.11	1.9-2.44	1.85-2.41	1.85-2.48
Focal Length	5.8 - 6.14 mm	-	13.47 - 19.67 mm	18.78 - 25.3 mm	25.04- 37.57 mm	37.23 - 47.06 mm	52.8 - 79.1 mm	78.5 - 121.9 mm
Part Number	SS-5811142137-VV (D89-UST01)	-	S-5811141778-VV (D89-UWZ02)	SS-5811141777-VV (D89-WZ01)	SS-5811141775-VV (D89-ST01)	SS-5811141776-VV (D89-SMLZ01)	3797745400-SVK(D88-LOZ101)	(3797744900-SVK)D88-LOZ201