

LU9245 BenQ Laser Projector

FEATURE HIGHLIGHTS

- 7,000AL LASER LIGHT SOURCE
- WUXGA RESOLUTION
- 7 OPTIONAL LENSES FOR DIVERSE APPLICATIONS
- HDBASET SUPPORT
- 4K UHD BY HDMI 2.0
- 360° AND PORTRAIT PROJECTION TO ACCOMMODATE DIFFERENT SPACES
- 5 YEARS WARRANTY



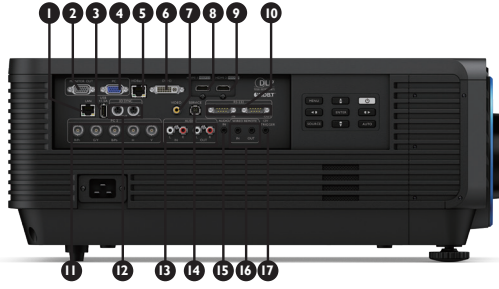
Product Specifications

Projection System	DLP Single 0.67" WUXGA		
DMD type	DC3 DMD Chip		
Native Resolution	1920 x 1200 pixels		
Brightness	7,000 ANSI Lumens		
Contrast Ratio *	3,000,000 : 1		
Display Color	1.07 Billion Colors		
Aspect Ratio	Native 16 : 10 (5 aspect ratio selectable)		
Projection Size	50" ~ 300", Standard Lens		
Lenses (Optional) ***		Throw Ratio	Zoom Ratio
	LS2ST3 Wide Fix (5JJDH37.002)	0.778	1x
	LS2ST1 Wide Zoom (5JJDH37.011)	0.77~1.1	1.42x
	LS2ST2 Short Throw (5AJK37.001)	1.25~1.6	1.28x
	LS2ST4 Semi Throw (5AJK37.011)	1.1 ~ 1.3	1.18x
	LS2SD2 Standard (5JEN37.001)	1.54 ~ 1.93	1.25x
	LS2LT1 Semi Long (5JJDH37.032)	1.93 ~ 2.9	1.5x
	LS2LT2 Long Zoom (5JJDH37.041)	3 ~ 5	1.67x
Lens Shift	Vertical: -15% ~ 55% / Horizontal: -5%~5%, Standard Lens		
Light Source Type	Laser Diodes		
Light Source Life **	20,000 / 38,000 / 70,000 Hours (Normal / Eco / Dimming mode)		
Keystone Adjustment	Vertical: ± 30 degrees, Horizontal: ± 30 degrees		
Resolution Support	VGA (640 x 480) to WUXGA (1920 x 1200)		
Horizontal Frequency	15 ~ 102KHz		
Vertical Scan Rate	23 ~ 120 Hz		
HDTV / Video Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p / NTSC, PAL, SECAM		
Built-in Speaker	20W (10W x 2)		
Security Feature	Security Bar, Kensington anti-theft lock slot Rec.709 96%, Blank to True Black, 4K Compatible, DICOM Simulation Mode, 360 Degree and Portrait Projection, Corner fit, Custom Lightsource Mode (light power adjustment), Dust Proof Engine, 24/7 Hours Operating, FW upgrade by LAN, Blanking, Dynamic Dimming.		
Dimensions (W x H x D)	525 x 216 x 470 mm		
Weight	24 kg (without lens)		
Power Supply	100 ~ 240V AC		
Power Consumption (Max / Normal / Eco)	650W / 600W / 400W		
Standby Power Consumption	Normal < 0.5W Network < 2W.		
Audible Noise	36 / 34 dBA		
Operating Temperature	0 ~ 40°C		
On-Screen Display Languages	Arabic / Bulgarian / Croatian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hindi / Hungarian / Italian / Indonesian / Japanese / Korean / Norwegian / Polish / Portuguese / Romanian / Russian / Simplified Chinese / Spanish / Swedish / Turkish / Thai / Traditional Chinese (28 Languages)		
Accessories	Standard	Optional	
	Installation Guide	Instashow WDCl0	
	Safety Guide	Ceiling Mount (CMG6)	
	Remote Control	7 Optional Lenses	
	AA Battery x 2		
	VGA cable (1.8m)		
	Power Cord		
	3pin VESA to BNC Cable		
	Warranty card (by Region)		

All related Optical Value is measure by Standard Lens. *The Contrast is measure by Full On Full Off standard.

**LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

Input and Output Terminals



- ❶ LAN (RJ45) (Control / FW Upgrade)
- ❷ Monitor output (D-sub 15pin)
- ❸ USB Type A (Power 5V / 1.5A)
- ❹ PC (D-sub 15pin)
- ❺ HDBaseT (Control / Display)
- ❻ DVI-D
- ❼ Composite Video input (RCA)
- ❽ HDMI 1 (HDCP 2.2)
- ❾ HDMI 2 (HDCP 2.2)
- ❿ RS232 (DB-9pin) in- and output
- ⓫ PC 2 (5BNC, YPbPr)
- ⓬ 3D Sync in- and output
- ⓭ Audio L / R in- and output (RCA)
- ⓮ USB Type Mini B (FW download / service)
- ⓯ Audio input (Mini Jack)
- ⓰ Wired Remote in- and output
- ⓱ DC 12V Trigger (3.5mm Jack)

Dimensions



Distance Chart

To optimize the projection quality, we suggest to project images in an area without grayscale.

Lens					Wide Zoom (LS2ST1)				Standard (LS2SD2)				Semi Long (LS2LT1)				Long Zoom (LS2LT2)				Wide Fix (LS2ST3)						
Throw Ratio					1.1 ~ 1.3				1.54 ~ 1.93				1.93 ~ 2.9				3 ~ 5				0.778						
Diagonal	Image Width		Image Height		Offset (A)		O		Distance				Distance				Distance				Distance						
	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	(inch)	(m)					
50	1.27	42	1.08	26	0.67	1.3	0.034	14.6	0.370	47	1.18	55	1.40	65	1.66	82	2.08	82	2.08	123	3.12	127	3.23	212	5.38	33	0.84
60	1.52	51	1.29	32	0.81	1.6	0.040	17.5	0.444	56	1.42	66	1.68	78	1.99	98	2.49	98	2.49	148	3.75	153	3.88	254	6.46	40	1.01
80	2.03	68	1.72	42	1.08	2.1	0.054	23.3	0.592	75	1.90	88	2.24	104	2.65	131	3.33	131	3.33	197	5.00	204	5.17	339	8.62	53	1.34
100	2.54	85	2.15	53	1.35	2.6	0.067	29.1	0.740	93	2.37	110	2.80	131	3.32	164	4.16	164	4.16	246	6.25	254	6.46	424	10.77	66	1.68
120	3.05	102	2.58	64	1.62	3.2	0.081	35.0	0.888	112	2.84	132	3.36	157	3.98	196	4.99	196	4.99	295	7.50	305	7.75	509	12.92	79	2.01
150	3.81	127	3.23	79	2.02	4.0	0.101	43.7	1.111	140	3.55	165	4.20	196	4.98	245	6.24	245	6.24	369	9.37	382	9.69	636	16.15	99	2.51
180	4.57	153	3.88	95	2.42	4.8	0.121	52.5	1.333	168	4.26	198	5.04	235	5.97	295	7.48	295	7.48	443	11.24	458	11.63	763	19.39	119	3.02
200	5.08	170	4.31	106	2.69	5.3	0.135	58.3	1.481	187	4.74	220	5.60	261	6.63	327	8.31	327	8.31	492	12.49	509	12.92	848	21.54	132	3.35
250	6.35	212	5.38	132	3.37	6.6	0.168	72.9	1.851	233	5.92	276	7.00	326	8.29	409	10.39	409	10.39	615	15.62	636	16.15	1060	26.92	165	4.19
300	7.62	254	6.46	159	4.04	7.9	0.202	87.4	2.221	280	7.11	331	8.40	392	9.96	491	12.47	491	12.47	738	18.74	763	19.39	1272	32.31	198	5.03
350	8.89	297	7.54	185	4.71	9.3	0.236	102.0	2.591	326	8.29	386	9.80	457	11.61	573	14.55	573	14.55	861	21.86	890	22.62	1484	37.69	231	5.87
400	10.16	339	8.62	212	5.38	10.6	0.269	116.6	2.962	373	9.48	448	11.20	522	13.27	655	16.63	655	16.63	984	24.99	1018	25.85	1696	43.08	264	6.70
500	12.70	424	10.77	265	6.73	13.2	0.337	145.7	3.702	466	11.85	560	14.00	653	16.59	818	20.79	818	20.79	1230	31.23	1272	32.31	2120	53.85	330	8.38

Lens					Short Throw (LS2ST2)				Semi Throw (LS2ST4)								
Throw Ratio					0.77 ~ 1.1				1.25 ~ 1.60								
Diagonal	Image Width		Image Height		Offset (A)		O		Distance								
	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	Wide	Tele	Wide	Tele					
50	1.27	42	1.08	26	0.67	1.3	0.034	14.6	0.370	33	0.83	47	1.18	53	1.35	68	1.72
60	1.52	51	1.29	32	0.81	1.6	0.040	17.5	0.444	39	1.00	56	1.42	64	1.62	81	2.07
80	2.03	68	1.72	42	1.08	2.1	0.054	23.3	0.592	52	1.33	75	1.90	85	2.15	109	2.76
100	2.54	85	2.15	53	1.35	2.6	0.067	29.1	0.740	65	1.66	93	2.37	106	2.69	136	3.45
120	3.05	102	2.58	64	1.62	3.2	0.081	35.0	0.888	78	1.99	112	2.84	127	3.23	163	4.14
150	3.81	127	3.23	79	2.02	4.0	0.101	43.7	1.111	98	2.49	140	3.55	159	4.04	204	5.17
180	4.57	153	3.88	95	2.42	4.8	0.121	52.5	1.333	118	2.99	168	4.26	191	4.85	244	6.20
200	5.08	170	4.31	106	2.69	5.3	0.135	58.3	1.481	131	3.32	187	4.74	212	5.38	271	6.89
250	6.35	212	5.38	132	3.37	6.6	0.168	72.9	1.851	163	4.15	233	5.92	265	6.73	339	8.62
300	7.62	254	6.46	159	4.04	7.9	0.202	87.4	2.221	196	4.98	280	7.11	318	8.08	407	10.34
350	8.89	297	7.54	185	4.71	9.3	0.236	102.0	2.591	229	5.80	326	8.29	371	9.42	475	12.06
400	10.16	339	8.62	212	5.38	10.6	0.269	116.6	2.962	261	6.63	373	9.48	424	10.77	543	13.79
500	12.70	424	10.77	265	6.73	13.2	0.337	145.7	3.702	326	8.29	466	11.85	530	13.46	678	17.23

Ceiling Mount Chart

