

V6000

BenQ DLP Laser Projector



Features

- True 4K UHD (3840 x 2160) 8.3 Million Pixels Resolution
- HDR Pro: Hyper-Realistic Video Quality with Projector-Optimized HDR10 & HLG
- Covers 96% Rec.709 and 98% DCI-P3 Wide Color Space
- Laser Light Source Provides at Least 20,000 hours of Operation
- CinemaMaster Video Enhancer (4K MEMC, Detail Enhancement)
- Ultra Short Throw Projection
- Eye Protection Motion Sensor
- 3D Compatibility



Product Specifications

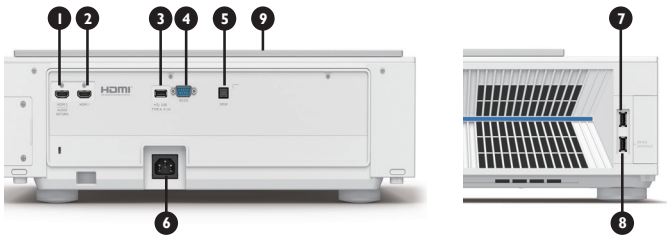
Projection System	DLP
DMD type	0.47"
Native Resolution	4K UHD (3840 x 2160) Resolution
Brightness	3,000 ANSI Lumens
Contrast Ratio*	3,000,000 : 1
Display Color	30 Bits (1,07 billion colors)
Aspect Ratio	Native 16 : 9 (4:3)
Light Source	Laser + Phosphor
Light Source life**	20,000 hours (Typical, Light Source Only)
Throw Ratio	0.252 (90" ± 3% @ 0.503 m)
Keystone Correction	Vertical ± 30 degrees
Projection Size (Clear Focus / Maximum)	70"~120"
Built-in Speaker	5W x 2 (Trevolo Speaker)
Picture Mode***	Bright / Living Room / Cinema / DCI-P3 / User / Silence / 3D / HDR10 / HLG
Color Wheel Segment	RGBY
Color Wheel Speed	1X
Security	Security Bar
Feature	HDR10, HLG, 3D, Motion Enhancer 4K, Pixel Enhancer 4K, Eye Protection Sensor
Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K-135KHz
Vertical Scan Rate	23-120Hz
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p UHD
Power Consumption (Max / Normal / Eco)	500W / 375W / 220W
Standby Power Consumption	0.5W Max. at 100 ~ 240VAC
Power Supply	VAC 100 ~ 240 (50/60Hz)
Product Dimensions (W x H x D)	500 x 388 x 157 mm
Product Weight	10 kg
Noise Level (Normal / Eco)	34 / 29 dBA (XPR off), 37 / 32 dBA (XPR on)
Operating Temperature	0~40 degrees (Celsius)
Accessories (Standard)	Remote Control with Battery x 1 Power Cord x 1 (3m) Installation Guide Quick Start Guide Warranty Card
Accessories (Optional)	3D Glasses
On Screen Display Language	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)

* The Contrast is measured by Full On Full Off standard.

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

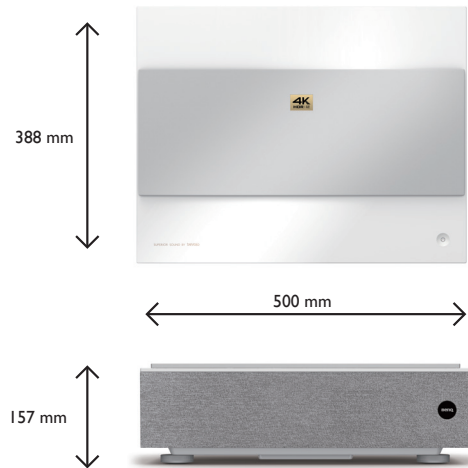
*** Default picture mode is Living room

Input and Output Terminals

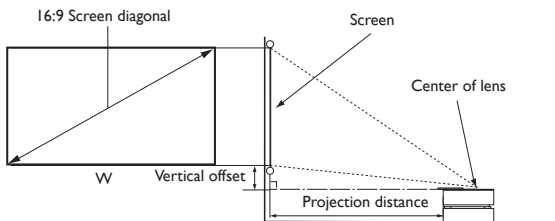


- 1 HDMI 2 (ARC, 2.0b, HDCP2.2)
- 2 HDMI 1 (2.0b, HDCP2.2)
- 3 USB 3.0 Type A (Media Reader, FW upgrade)
- 4 RS232 input (D-sub 9pin, male)
- 5 Audio output (S/PDIF)
- 6 AC Power cable inlet
- 7 USB 2.0 Type A (Media Reader, FW upgrade, 5V/2.5A for ATV)
- 8 USB 2.0 Type A (Media Reader, FW upgrade, 5V/2.5A for ATV)
- 9 Receiver (Front / Top)

Dimensions



Distance Chart



Screen Size				Projection Distance	Vertical Offset
Diagonal	Height	Width			
inch	mm	mm	mm	mm	mm
70	1778	1550	872	73	160
80	2032	1771	996	120	191
90	2286	1992	1121	176	221
95	2413	2103	1183	200	236
100	2540	2214	1245	222	252
120	3048	2657	1494	331	313

• The screen aspect ratio is 16:9 and the projected picture is in a 16:9 aspect ratio

Extra Features



- Automatic Sunroof Slider Design



- Built-in TreVolo Front Speakers



- Integrated Screen-size Measuring Tool

Color Depth

Display format (refresh rate)	Chroma subsampling	8 Bit	10 Bit	12 Bit
4K/60p (60 Hz)	04:04:04	Yes	No	No
	04:02:02	Yes	Yes	Yes
	04:04:04csc	Yes	Yes	Yes
4K/24p (24 Hz)	04:04:04	Yes	Yes	Yes
	04:02:02	Yes	Yes	Yes
	04:02:00	Yes	Yes	Yes
1080P/60P (60 Hz)	04:04:04	Yes	Yes	Yes
	04:02:02	Yes	Yes	Yes
	04:02:00	Yes	Yes	Yes
1080P/24P (24 Hz)	04:04:04	Yes	Yes	Yes
	04:02:02	Yes	Yes	Yes
	04:02:00	Yes	Yes	Yes

BenQ Europe B.V.

Meerenakkerweg 1-17
5652 AR Eindhoven
The Netherlands
Tel: +31 88 8889200
Fax: +31 88 8889299

BenQ.eu

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