

V7000i

BenQ DLP Projector



Features

- True 4K UHD (3840 x 2160) 8.3 Million Pixels Resolution
- Laser Light Source Provides at Least 20,000 hours of Operation
- Accurate CinematicColor™ with 98% DCI-P3 & 96% Rec.709 Color Space
- HDR Pro: Enhanced Dynamic Range with HDR10 & HLG Support
- Ultra Short Throw Projection
- Google-certified Android TV Inside
- FILMMAKER MODE
- Eye Protection Motion Sensor
- 3D Compatibility



Product Specifications

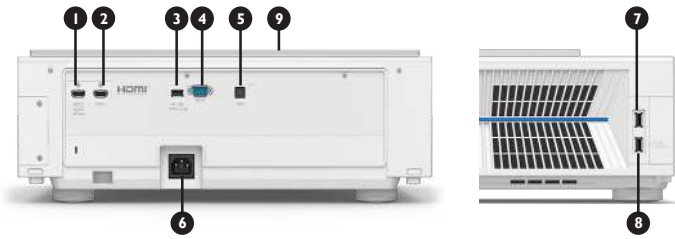
Projection System	DLP	
DMD type	0.47"	
Native Resolution	4K UHD (3840 x 2160)	
Brightness	2500 ANSI Lumens	
Contrast Ratio (FOFO)*	2,000,000 : 1 (Dynamic)	
Aspect Ratio	Native 16:9 (4:3)	
Light Source	Laser + Phosphor	
Light Source life**	20,000 hours (Typical, Light Source Only)	
Throw Ratio	0.252 (90° ± 3% @ 0.503 m)	
Lens	F=2.0; f=2.45mm (Approximate)	
Keystone Correction	Vertical ± 30 degrees	
Projection Size (Clear Focus / Maximum)	70"~120"	
Built-in Speaker	Trevolo Speaker 5W x 2	
Picture Mode***	Bright, Bright Cinema (Default), FILMMAKER MODE, DCI-P3, Silence, User, HDR10, HLG, 3D	
Color Wheel Segment	RGBRGB	
Color Wheel Speed	2D: 24Hz 5X, 50Hz 2X, 60Hz 2X 3D: Max 120Hz	
Security	Security Bar	
Features	3D, Motion Enhancer 4K, Pixel Enhancer 4K, Eye Protection Sensor, Android TV, FILMMAKER MODE	
HDR10	Yes	
HLG	Yes	
CinemaMaster Video+	Yes	
Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)	
Horizontal Frequency	15~135KHz	
Vertical Scan Rate	23 ~ 120 Hz	
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p UHD	
Interface	HDMI (2.0b) (HDCP2.2)	x 2 (ARC for HDMI 2 & supports 2-channel audio out)
	USB 3.0 Type-A port (Media Reader/Firmware upgrade) (side)	x 1 (USB reader/drive, FW download/power supply- 5V 1A)
	USB 2.0 Type-A port (Media Reader/Firmware upgrade) (back)	x 1 (USB reader/drive, FW download/power supply - 5V 1.5A)
	USB Type-A port (5V/2.5A power supply) (side)	x 1 (Android TV control/power supply)
	RS232 In (D-sub 9pin, male)	x 1
	Audio Out (SPDIF)	x 1
	IR Receiver (Front/Top)	Yes
Power Consumption (Max / Normal / Eco)	500W / 375W / 220W	
Standby Power Consumption	<0.5W	
Power Supply	AC 100 to 240V, 50/60 Hz	
Product Dimensions (W x H x D)	500 x 388 x 157 mm	
Product Weight	10kg (+/-100g)	
Noise Level (Normal / Eco)	Typ. 34/29dBA (XPR off)	
Operating Temperature	0~40 degrees (Celsius)	
Accessories (Standard)	Remote Control with Battery x 2	
	Power Cord x 1 (3m)	
	Quick Start Guide (18 languages)	
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.

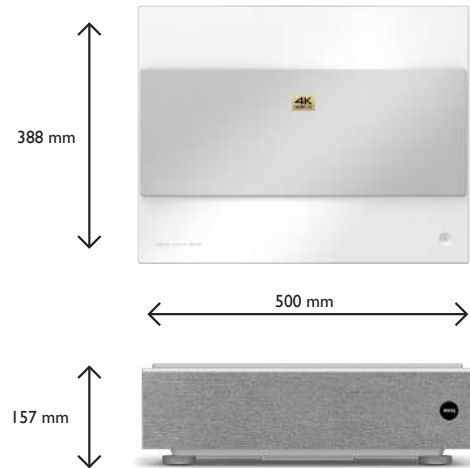
*** Default picture mode is Living Room

Input and Output Terminals

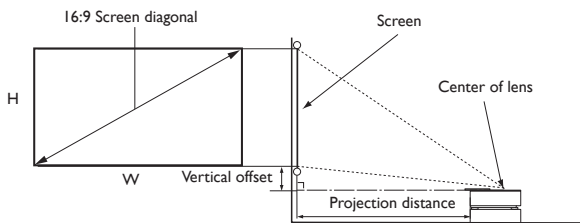


- ❶ HDMI 2 (ARC, 2.0b, HDCP2.2)
- ❷ HDMI 1 (2.0b, HDCP2.2)
- ❸ USB 3.0 Type A (Media Reader, FW upgrade)
- ❹ RS232 input (D-sub 9pin, male)
- ❺ Audio output (S/PDIF)
- ❻ AC Power cable inlet
- ❼ USB 2.0 Type A (Media Reader, FW upgrade, 5V/2.5A for ATV)
- ❽ USB 2.0 Type A (Media Reader, FW upgrade, 5V/2.5A for ATV)
- ❾ Receiver (Front / Top)

Dimensions



Distance Chart



Screen Size				Projection Distance	Vertical Offset
Diagonal	Width	Height	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 and the projected picture are in 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
	04:02:00	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

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