

# V7000i

## BenQ DLP Projector



### Features

- Light Source Life : 20,000hr (Typical, light source only)
- 0.47" 4K UHD
- HDR10 and HLG
- HDR Pro : Enhanced Dynamic Range for HDR
- Rec.709 96% and DCI-P3 98%
- 3D compatibility
- Andriod TV inside
- FILMMAKER MODE



### Product Specifications

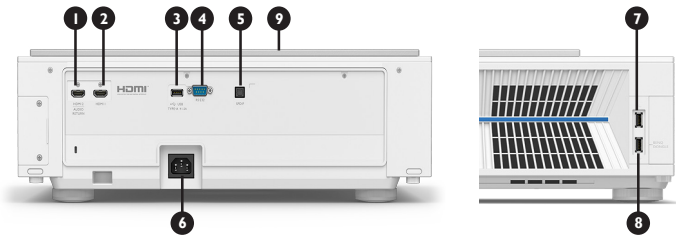
Projection System	DLP
DMD type	0.47"
Native Resolution	4K UHD (3840 x 2160)
Brightness	2500 (marketing)
Contrast Ratio (FOFO)*	2,000,000 : 1 (Dynamic)
Aspect Ratio	Native 16:9(4:3)
Light Source	Laser + Phosphor
Light Source life*	20,000hr (Typical, light source only)
Throw Ratio	0.252 (90°±3%@0.503m)
Lens	F=2.0; f=2.45mm(approximate)
Keystone Correction	V keystone only. (degree by lens' spec)
Projection Size (Clear Focus / Maximum)	70"~120"
Built-in Speaker	Yes (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
Feature	HDR 10, HLG, 3D, Motion Enhancer 4K, Pixel Enhancer 4K, Eye protection sensor, Andriod smart platform, FILMMAKER mode
HDR10	Yes
HLG	Yes
CinemaMaster Video+	Yes
Resolution Support	VGA (640 x 480) to UHD (3840 x 2160)
Horizontal Frequency	15~135KHz
Vertical Scan Rate	23 ~ 120 Hz
HDTV Compatibility interface	480i, 480p, 576i, 576p, 720p, 1080i, 1080p UHD HDMI (2.0b) (HDCP2.2)
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 (Celcius)
Accessories (Standard)	Remote Control with Battery x 2 (RCI067 / RCV024) Power Cord (by region) x 1(3m) Quick Start Guide (18L)
Accessories (Optional)	3D Glasses
On Screen Display Language	28L

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

\*\*The Contrast is measure by Full On Full Off standard.

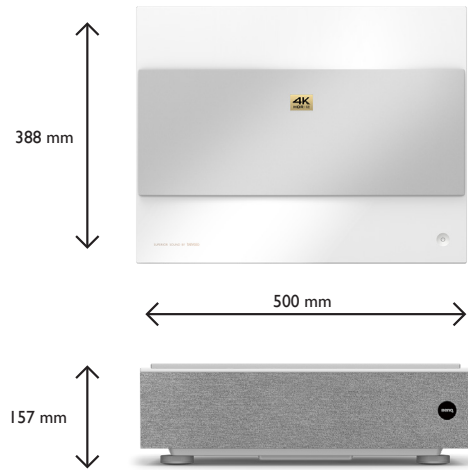
\*\*\* Default picture mode is Living room

## Input and Output Terminals

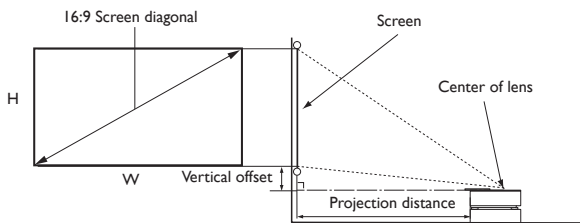


- ❶ HDMI 2 (ARC, 2.0b, HDCP2.2)
- ❷ HDMI 1 (2.0b, HDCP2.2)
- ❸ USB 3.0 Type A (Media Reader, FW upgrade)
- ❹ RS232 input (D-sub 9pin, male)
- ❺ Audio output (S/PDIF)
- ❻ AC Power cable inlet
- ❼ USB 2.0 Type A (Media Reader, FW upgrade, 5V/2.5A for ATV)
- ❽ USB 2.0 Type A (Media Reader, FW upgrade, 5V/2.5A 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 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
	04:02:00	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

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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