

# W4100i

## BenQ DLP Projector



### Features

- True 4K UHD 8.3M Pixel
- 3200lm High Brightness 4LED
- BenQ CinematicColor™ 100% DCI-P3 Wide Color Gamut
- HDR10/HLG/HDR10+
- HDR Pro™
- AI Cinema
- Dynamic Tone Mapping
- Factory Calibrated Report
- 1.3X big zoom lens and H&V lens shift
- Google certificated android TV dongle with Netflix – QS02



### Product Specifications

<b>Product Number / EAN Code</b>	9H.R0877.17E / 471 8755 09618 1
<b>Projection System</b>	DLP
<b>DMD type</b>	0.65"
<b>Native Resolution</b>	4K UHD (3840 x 2160) Resolution
<b>Brightness</b>	3200 ANSI Lumens
<b>Contrast Ratio*</b>	3,000,000 : 1 (with Dynamic Black)
<b>Display Color</b>	30 Bits (1,07 billion colors)
<b>Aspect Ratio</b>	Native 16 : 9 (4 aspect ratio selectable)
<b>Light Source</b>	4LED
<b>Light Source Life**</b>	20,000 / 30,000 (Normal / Eco)
<b>Throw Ratio</b>	1.15 ~ 1.50 (100" @ 2.5m)
<b>Zoom Ratio</b>	1.3X
<b>Lens</b>	F/# 1.8 - 2.25 mm, f 17.02 (Wide)~22.21(Tele)
<b>Keystone Correction</b>	2D, Auto Vertical & Manual Horizontal ± 30 degree
<b>Lens Shift</b>	Vertical 0%-60% (@ H 0%) Horizontal max. ±15% (@ V 20.9%)
<b>Corner Fit</b>	Horizontal 0-600, Vertical 0-340
<b>Projection Size (Clear Focus / Maximum)</b>	60" ~ 200" / 300"
<b>Built-in Speaker</b>	5W treVolo Chamber Speaker x 1
<b>Picture Mode</b>	*** ISF Disabled: Bright / Bright Cinema / AI Cinema / Cinema / FILMMAKER MODE / 3D / HDR AI Cinema / User / HDR10 / HDR10+ / HLG **** ISF Enabled: Bright / Bright Cinema / AI Cinema / Cinema / FILMMAKER MODE / ISF Night / ISF Day
<b>DCI-P3 Coverage (WCG On)</b>	100%
<b>Resolution Support</b>	VGA (640 x 480) to 4K UHD (3840 x 2160)
<b>Horizontal Frequency</b>	15K-270KHz
<b>Vertical Scan Rate</b>	23-240Hz
<b>HDTV Compatibility</b>	720p, 1080i, 1080p, 2160p
<b>Power Consumption (Max / Normal / Eco)</b>	415W / 330W / 200W
<b>Standby Power Consumption</b>	0.5W Max. at 100 ~ 240VAC
<b>Power Supply</b>	VAC 100 ~ 240 (50/60Hz)
<b>Product Dimensions (W x H x D)</b>	420.5 x 135.3 x 312.1 mm
<b>Product Weight</b>	6.1 Kg +/- 100g
<b>Noise Level (Normal / Eco Mode)</b>	30dBA / 29dBA
<b>Operating Temperature</b>	0 ~ 40°C
<b>Accessories (Standard)</b>	Android TV Dongle QS02 and QS02 Remote Control (RCI074) (by region) Power Cord (by region) x 1 (3M) User Manual E-edition Quick Start Guide Warranty Card (by region) Calibration report Lens cover
<b>Accessories (Optional)</b>	3D Glasses / Ceiling mount (CMG3)
<b>On Screen Display Language</b>	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 measure by Full On Full Off standard.  
 \*\* Light 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 Cinema  
 \*\*\*\* When ISF is enable, default picture mode is ISF Night.



## Input and Output Terminals

	I/O Name	Quantity
1	DC 12V Trigger	1
2	RS232 Input (D-sub 9pin, male)	1
3	USB Mini Type B (TI Firmware upgrade)	1
4	USB Type-A (Media Reader/Scalar Firmware upgrade)	1
5	Audio Output (3.5mm jack)	1
6	SPDIF audio output (5.1 channel audio pass through)	1
7	HDMI-1 (HDCP2.3)	1
8	HDMI-2 (HDCP2.3) (Audio Return+) (5.1/7.1/Dolby Atmos audio pass through)	1
9	HDMI-3 (HDCP2.3) (FRL: 4k@120Hz input/1080P@120Hz output)	1

### Hidden Space for ATV dongle

10	HDMI Male cable (HDCP2.2)	1
11	Micro USB Male cable (Power supply 5V/1.5A)	1



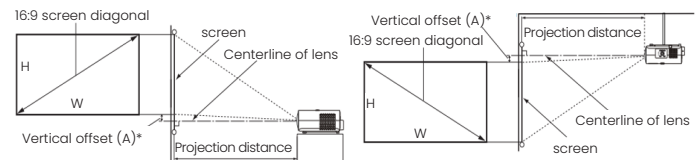
## Dimensions



## Distance Chart

Use the tables below to help you determine the projection distance.

Screen size			Distance from screen (mm)				*Vertical offset (A) (Lowest/Highest lens position) (mm)
Diagonal		H (mm)	W (mm)	Min length (max zoom)	Average	Max length (min zoom)	
Inch	mm						
30	762	374	664	744	860	977	37
40	1016	498	886	999	1154	1309	50
50	1270	623	1107	1253	1447	1641	62
60	1524	747	1328	1508	1740	1973	75
80	2032	996	1771	2017	2327	2637	100
95	2413	1183	2103	2399	2767	3135	118
100	2540	1245	2214	2526	2914	3301	125
110	2794	1370	2435	2781	3207	3633	137
120	3048	1494	2657	3035	3500	3965	150
130	3302	1619	2878	3290	3794	4297	162
140	3556	1743	3099	3545	4087	4629	175
150	3810	1868	3321	3799	4380	4961	187
160	4064	1992	3542	4054	4674	5293	199
170	4318	2117	3763	4308	4967	5626	212
180	4572	2241	3985	4563	5260	5958	224
190	4826	2366	4206	4817	5554	6290	237
200	5080	2491	4428	5072	5847	6622	249
250	6350	3113	5535	6345	7314	8282	311
300	7620	3736	6641	7618	8780	9942	374



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

## Color Depth

Display format (refresh rate)	Chroma subsampling	8 Bit	10 Bit
4K/60p (60 Hz)	4:0:4:0	V	V
	4:0:2:0	V	V
	4:0:2:0	V	V
4K/60p (50 Hz)	4:0:4:0	V	V
	4:0:2:0	V	V
	4:0:2:0	V	V
4K/30p (30 Hz)	4:0:4:0	V	V
	4:0:2:0	V	V
	4:0:2:0	V	V
4K/24p (24 Hz)	4:0:4:0	V	V
	4:0:2:0	V	V

BenQ Europe B.V.

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

BenQ.eu

© 2025 BenQ Corp. Specification may vary by region, please visit your local stores for details. Actual products features and specifications are subject to change without notice. This material may include corporate names and trademarks of third parties which are the properties of the third parties respectively.

