

# W1800i

## BenQ DLP Projector



### Features

- True 4K UHD 8.3 Million Pixels Resolution
- Hyper-Realistic Video Quality with Projector-optimized HDR10 / HLG
- BenQ CinematicColor™ Technology for Supreme Colors
- 100% Rec.709 with Optimized RGBRGB Color Wheel
- Short Throw: 100 inches at 2.5 meters
- 2D Keystone
- 3D Compatibility
- Android TV Smart Platform



### Product Specifications

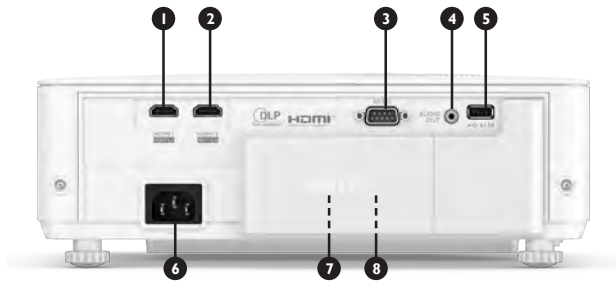
<b>Projection System</b>	DLP
<b>DMD type</b>	0.47"
<b>Native Resolution</b>	4K UHD (3840 x 2160)
<b>Brightness</b>	2,000 ANSI Lumens
<b>Contrast Ratio*</b>	10,000 : 1
<b>Display Color</b>	30 Bits (1.07 billion colors)
<b>Aspect Ratio</b>	Native 16 : 9 (5 aspect ratios selectable)
<b>Light Source</b>	Lamp
<b>Light Source life**</b>	Normal 4,000 hours / Economic 10,000 hours / SmartEco 8,000 hours / LampSave 15,000
<b>Throw Ratio</b>	1.127 - 1.46 (100" @ 2.5 m)
<b>Zoom Ratio</b>	1.3x ±2%
<b>Keystone Correction</b>	2D, (Auto)Vertical, Horizontal Keystone '+/- 30°', Picture Rotation
<b>Projection Offset</b>	110%±3%
<b>Projection Size</b>	60"~200"
<b>Built-in Speaker</b>	5W x 1
<b>Security</b>	Security Bar
<b>Feature</b>	HDR10 / HLG, 3D, 3D Keystone
<b>Resolution Support***</b>	VGA (640 x 480) to 4K UHD (3840 x 2160)
<b>Horizontal Frequency</b>	15K-102KHz
<b>Vertical Scan Rate</b>	23-120Hz
<b>HDTV Compatibility</b>	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p
<b>Power Consumption (Max / Normal / Eco)</b>	380W / 310W / 215W
<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>	312 x 110 x 246 mm
<b>Product Weight</b>	3.1 kg
<b>Noise Level (Normal / Eco)</b>	35 / 29 dBA
<b>Operating Temperature</b>	0~40 degrees (Celsius)
<b>Accessories (Standard)</b>	Remote Control with Battery x 1 Power Cord x 1 (1.8m) Quick Start Guide Warranty Card
<b>Accessories (Optional)</b>	Spare Lamp Kit 3D Glasses
<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 (30 Languages)

\* The contrast is measured by the 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.

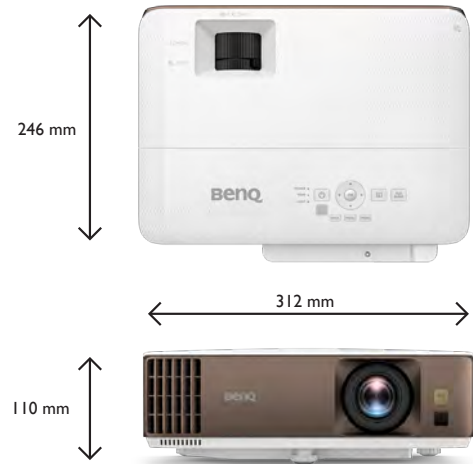
\*\*\*Resolution is 1920 x 1080 in 3D Mode.

## Input and Output Terminals

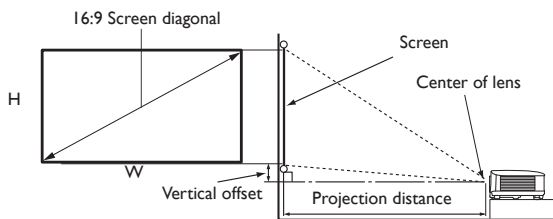


- ❶ HDMI-1 (2.0b, HDCP2.2)
- ❷ HDMI-2 (2.0b, HDCP2.2)
- ❸ RS232 Input (D-sub 9pin, male)
- ❹ Audio Output (mini jack)
- ❺ USB Type A (1.5A power)
- ❻ AC Power cable inlet
- ❼ Hidden Compartment for ATV Dongle - HDMI-3 (2.0b, HDCP2.2)  
- Micro USB cable (5V/1.5A power)
- ❽ QS01 (ATV) HDMI Dongle

## Dimensions



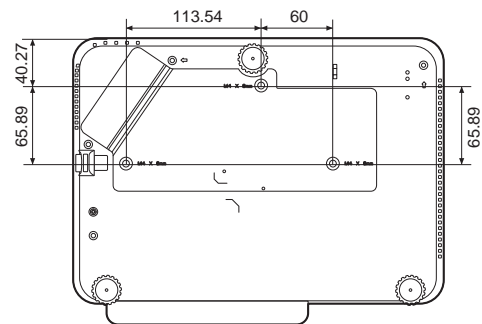
## Distance Chart



Screen Size				Projection distance (mm)			Vertical offset
Diagonal	Height	Width	Min distance (max zoom)	Average	Max distance (min zoom)		
inch	mm	mm	mm	mm	mm	mm	
30	762	374	664	748	859	970	37
40	1016	498	886	998	1145	1293	50
50	1270	623	1107	1247	1432	1616	62
60	1524	747	1328	1497	1718	1939	75
70	1778	872	1550	1746	2004	2263	87
80	2032	996	1771	1996	2291	2586	100
90	2286	1121	1992	2245	2577	2909	112
100	2540	1245	2214	2495	2864	3232	125
110	2794	1370	2435	2744	3150	3555	137
120	3048	1494	2657	2994	3436	3879	149
130	3302	1619	2878	3243	3723	4202	162
140	3556	1743	3099	3493	4009	4525	174
150	3810	1868	3321	3742	4295	4848	187
160	4064	1992	3542	3992	4582	5171	199
170	4318	2117	3763	4241	4868	5495	212
180	4572	2241	3985	4491	5154	5818	224
190	4826	2366	4206	4740	5441	6141	237
200	5080	2491	4428	4990	5727	6464	249
210	5334	2615	4649	5239	6013	6788	262
220	5588	2740	4870	5489	6300	7111	274
230	5842	2864	5092	5738	6586	7434	286
240	6096	2989	5313	5988	6873	7757	299
250	6350	3113	5535	6237	7159	8080	311
260	6604	3238	5756	6487	7445	8404	324
270	6858	3362	5977	6736	7732	8727	336
280	7112	3487	6199	6986	8018	9050	349
290	7366	3611	6420	7235	8304	9373	361
300	7620	3736	6641	7485	8591	9696	374

## Ceiling Mount Chart

Ceiling/Wall mount screw hole: M4 x 8 mm



Unit: mm

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# QS01

## BenQ HDMI Media Streaming Dongle

Powered by  
**androidtv**



### Features

- Official Legal Android-apps from the Google Play Market
- Amazon Prime Pre-Loaded
- Ability to Stream to Multiple Platforms
- Secured & Safe Content with Parental Controls in the Special Kids Channel
- Google Voice Search & Google Assistant
- Unified Remote Control for Projector and QS01 (ATV)
- Plug and Play

### Product Specifications

<b>Display</b>	CPU	Amlogic S905 Y2, Quad A55	
	GPU	Mali-G31 MP2	
	DDR RAM	2G	
	ROM EMMC	16G	
	WIFI Module	2.4G / 5G, 802.11 a/b/g/n/ac	
	Bluetooth	BT 4.2	
	Input power	5V,1A	
	<b>Input / Output</b>	HDMI Out	x 1
Micro USB		x 1	
<b>System</b>		Google Android TV	ATV 9.0
<b>System</b>	Pre-Load apps	Amazon Prime, Wireless Projection, FamiLand	
	Dolby	Yes	
	HDR / HLG	Yes	
	<b>Special Feature</b>	Amazon Prime	Amazon Prime
		Wireless Display	IOS (AirPlay) / Android (Chromecast) / Chrome browser
FamiLand		Secured and Safe Parental Controls in the Special Kids Channel	
Voice Search		Google Assistant (Available in Supported Countries)	
<b>Operation Condition</b>	Voice Assistant	Google Assistant (Available in Supported Countries)	
	Operating Temperature	0~40 degrees (Celsius)	

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