

# W1700

## Digital Projector



### Features

- True 4K UHD 8.3M Pixel resolution
- Hyper-Realistic Video Quality with projector-optimized HDR
- BenQ CinematicColor™ Technology for supreme colors
- >96% Rec.709 with optimized RGBRGB color wheel
- Short Throw: 100 inches at 3.25 meters
- Auto Vertical Keystone Correction
- 3D compatibility



### Product Specifications

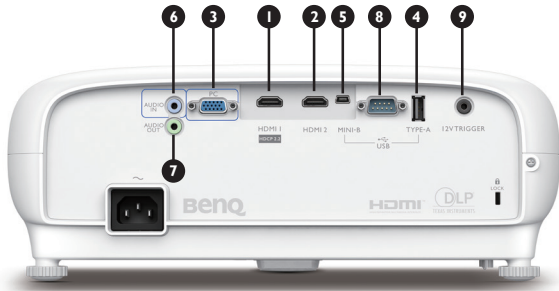
Projection System	DLP
DMD type	0.47"
Native Resolution*	3840 x 2160 (True 4K, 8.3M pixels)
Brightness	2200 ANSI Lumens
Contrast Ratio**	10000:1
Display Color	30 Bits (1.07 billion colors)
Aspect Ratio	Native 16:9 (6 aspect ratios selectable)
Light Source	Lamp
Light Source life***	Normal 4000 hours Economic 10000 hours SmartEco 8000 hours
Throw Ratio	1.47 - 1.76 (100" @ 3.25 m)
Zoom Ratio	1.2X
Keystone Correction	1D, Vertical ± 40 degrees
Projection Offset	110% ± 2.5%
Projection Size (Clear Focus / Maximum)	60" ~ 200" / 300"
Built-in Speaker	5W x 1
Security	Security Bar
Features	HDR, 3D, Auto Keystone
Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K-102KHz
Vertical Scan Rate	23-120Hz
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p
Video Compatibility	N/A
Power Consumption (Max / Normal / Eco)	385W / 330W / 245W
Standby Power Consumption	0.5W Max. at 100 ~ 240VAC
Power Supply	VAC 100 ~ 240 (50/60Hz)
Product Dimensions (WxHxD)	353mm x 135mm x 272mm
Product Weight	4.2kg
Noise Level (Normal / Eco)	33dBA / 29dBA
Operating Temperature	0~40 degrees (Celsius)
Accessories (Standard)	Remote Control with Battery Power Cord (3m) User Manual CD Quick Start Guide Warranty Card (by region) Lens cover x 1
Accessories (Optional)	Spare Lamp Kit 3D Glasses
On Screen Display Language	28 Languages

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

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

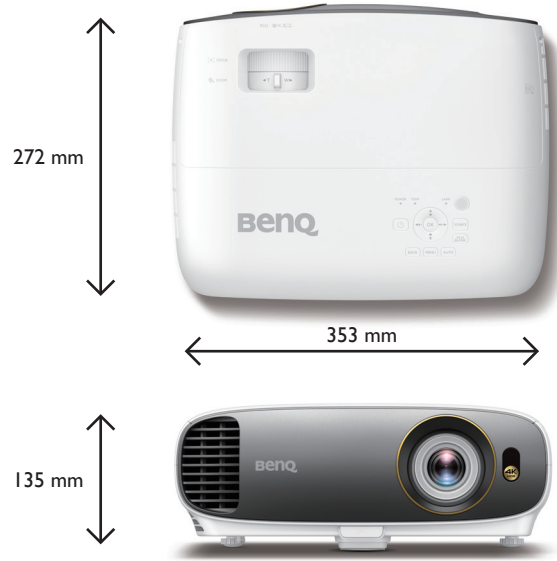
\*\*\* Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

## Input and Output Terminals



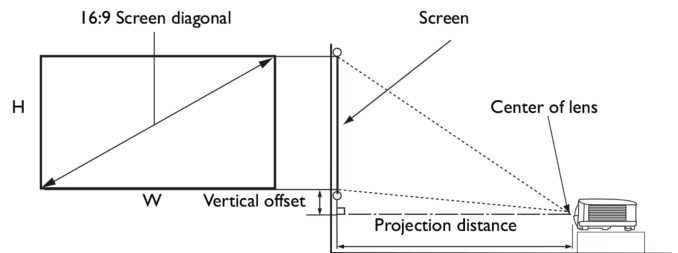
- ① HDMI-1 (HDMI 2.0 & HDCP 2.2)
- ② HDMI-2 (HDMI 1.4a & HDCP 1.4)
- ③ Computer In-1 (D-sub 15 pin, Female)
- ④ USB Type A (1.5A power)
- ⑤ USB Type mini B (Service)
- ⑥ Audio In (mini jack)
- ⑦ Audio Out (mini jack)
- ⑧ RS232 In (D-sub 9pin, male)
- ⑨ DC 12V Trigger (3.5mm Jack)
- ⑩ IR Receiver (Front+Top)

## Dimensions



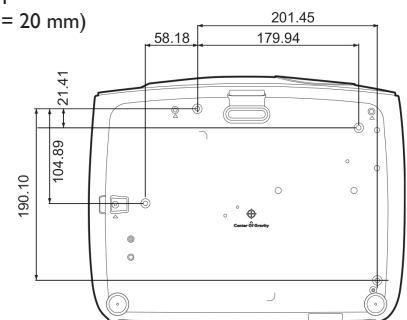
## Distance Chart

Screen size		Distance from screen (mm)					Vertical offset (mm)
Diagonal	H	W	Min length	Average	Max length		
inch	mm	(mm)	(mm)	(max. zoom)		(min. zoom)	
30	762	374	664	976	1073	1169	37
40	1016	498	886	1302	1430	1559	50
50	1270	623	1107	1627	1788	1948	62
60	1524	747	1328	1953	2145	2338	75
70	1778	872	1550	2278	2503	2727	87
80	2032	996	1771	2603	2860	3117	100
90	2286	1121	1992	2929	3218	3507	112
100	2540	1245	2214	3254	3575	3896	125
110	2794	1370	2435	3580	3933	4286	137
120	3048	1494	2657	3905	4290	4676	149
130	3302	1619	2878	4231	4648	5065	162
140	3556	1743	3099	4556	5005	5455	174
150	3810	1868	3321	4881	5363	5844	187
160	4064	1992	3542	5207	5720	6234	199
170	4318	2117	3763	5532	6078	6624	212
180	4572	2241	3985	5858	6436	7013	224
190	4826	2366	4206	6183	6793	7403	237
200	5080	2491	4428	6509	7151	7793	249
210	5334	2615	4649	6834	7508	8182	262
220	5588	2740	4870	7159	7866	8572	274
230	5842	2864	5092	7485	8223	8961	286
240	6096	2989	5313	7810	8581	9351	299
250	6350	3113	5535	8136	8938	9741	311
260	6604	3238	5756	8461	9296	10130	324
270	6858	3362	5977	8787	9653	10520	336
280	7112	3487	6199	9112	10011	10910	349
290	7366	3611	6420	9437	10368	11299	361
300	7620	3736	6641	9763	10726	11689	374



## Ceiling Mount Chart

Ceiling mount screw: M4  
(Max L = 25 mm; Min L = 20 mm)  
Unit: mm



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