



BenQ DLP Projector

GV31

Feature Highlight

- 1080P with 300 ANSI
- 16W 2.1 channel speaker with bass enhanced passive radiator & wireless speaker mode
- Auto focus with 1D(vertical) auto keystone
- Round Shape 1D with 135° projection angle & stable stand
- 3 hours battery life
- Built-in ATV Dongle with official Netflix & preload wireless casting APP
- USB-C DP alt mode / PD input 15V-3A / 20V-2.25A to 3.25A; output 5V-2A, 9V-2A, 12V-1.5A,
- 15V-1.2A (Provide NS a playing screen and charging in the same time) / Media Reading
- Drop Proof from 50cm Height



Display

Projection System	DLP
DMD type	0.23"
Native Resolution	1920 × 1080 pixels
Brightness	300 ANSI Lumens
Contrast Ratio*	100,000:1 (Native fofo 300:1 Min.)
Display Color	24 Bits (16.7 million colors)
Aspect Ratio	16:9
Light Source	LED
Light Source life*	20,000/30,000 hrs (Normal/Eco)

Optical

Throw Ratio	1.2 @ 70" screen
Zoom Ratio	Fixed
Keystone Correction	1D, Vertical ± 40 degrees
Projection Offset	100%±7
Projection Size (Clear Focus / Maximum)	30"-120" (Optimize @ 70")

SoC

IC	V53
OS	NA
RAM	2GB(Dongle)
Flash	16GB(Dongle)

Internet

WLAN	Wi-Fi 6E: 802.11a/b/g/n/ac/ax(2.4GHz/5GHz) through ATV Dongle
Antenna	Yes

Audio

Built-in Speaker	16W 2.1 channel speaker with bass enhanced passive radiator & wireless speaker mode
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Special Feature

Feature

Compatibility

Resolution Support	480i 720 (1440) x 480 480p 720 x 480 576i 720 (1440) x 576 576p 720 x 576 720/50p 1280 x 720 720/60p 1280 x 720 1080/24p 1920 x 1080 1080/25p 1920 x 1080 1080/30p 1920 x 1080 1080/50i 1920 x 1080 1080/60i 1920 x 1080 1080/50p 1920 x 1080 1080/60p 1920 x 1080
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Power

Power Consumption (Max/Normal/Eco/ Low Power Consumption/ Power Saving)	64.6W/ 44.64W/ 39.44W/ 28.34W/ 13.54W @100 ~ 240V
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Power Supply

AC100 to 240V, 50/60HZ, 65W 19V3.42A

Battery

Battery type: lithium-ion 18650
Total Capacity: 3.6V/18000mAh (min16500)
Cell: 3.6V/ 3000mAh (min2900)
Pack: 10.8V/ 5800 mAh (min5500)

Dimension and Weight	
Product Dimensions (WxHxD)	Without Base: 104(W) x 191.4(H) x 191.4(D)mm (4.1 x 7.5 x 7.5 in) With Base: 131.3(W) x 203.2(H) x 191.4(D)mm (5.2 x 8 x 7.5 in)
Product Weight	1.7 kg /3.7lb
Operation Condition	
Noise Level(Normal/Eco/ Low Power Consumption)	28dBA/ 26dBA/ 24dBA
Operating Temperature	0 ~ 40°C
Accessories	
Accessories (Standard)	Power Adaptor Power Cord (depends on SKU) Remote Control (RC1077) Quick Start Guide Warranty Card (by region) Dongle Installation Guide OSD? ATV Dongle N/A
Accessories (Optional)	
OSD	
On Screen Display Language	English-英文 / Deutsch-德文 /Français- 法文 / 繁體中文 / 日本語 / 한국어-韓文 / العربية-阿拉伯文 / ไทย泰文 /Indonesian-印尼文 / Türkçe-土耳其文/ Nederlands-荷蘭語 Only UM/
Environment Notice	

*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.



(x1) 5V 0.5A (For Media Reader & Firmware Update)

Connectivity

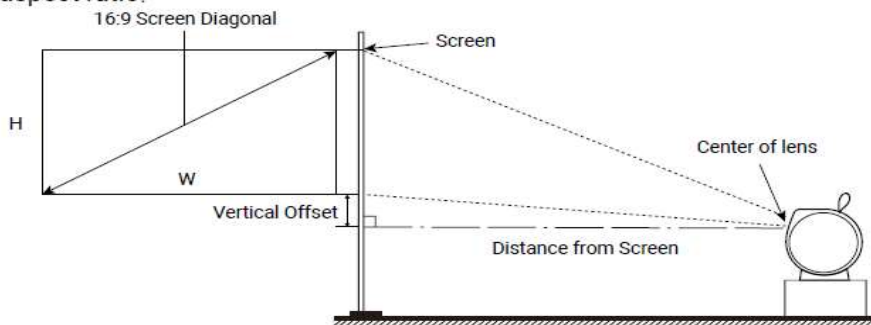
No	I/O Name	Quantity
1	Audio out	x1
2	DC in	x1
3	USB-A 2.0	x1: (5V/1A, Media Reading)
3	x1	x1: DP alt mode / PD input 15V-3A / 20V-2.25A to 3.25A; output 5V-2A, 9V-2A, 12V-1.5A, 15V-1.2Ag/ FW Update/ Media Reading
4	HDMI 1.4b	External x1: Type A female
		Internal x1: Type C male, (for Android TV dongle)



Installation

Projection dimensions

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



Screen size		W (mm)	H (mm)	Distance from screen (mm)
Inch	mm			
30	762	664	374	797
40	1016	886	498	1063
50	1270	1107	623	1328
60	1524	1328	747	1594
70	1778	1550	872	1860
80	2032	1771	996	2125
90	2286	1992	1121	2391
100	2540	2214	1245	2657
110	2794	2435	1370	2922
120	3048	2657	1494	3188

For example, if you are using a 120-inch screen, the recommended projection distance is 3188 mm.

If your measured projection distance is 2657 mm, the projected screen size is 100-inch.