



BenQ DLP Projector

V5010i

- Feature Highlight
- * 2500lm RGB Laser
 - * True 4K UHD 8.3M Pixel
 - * HDR10/HLG/HDR10+
 - * HDR Pro™
 - * BenQ CinematicColor™ : Rec. 709 (100%), DCI-P3(98%) and BT2020 (95%)
 - * Auto Screen Fit for Easy Screen Alignment
 - * Google certificated android TV dongle with Netflix – QS02
 - * FILMMAKER mode



Display	
Projection System	DLP
DMD type	0.47"
Native Resolution	4K UHD (3840 x 2160)
Brightness	2500 (marketing)
Contrast Ratio (FOFO)*	2,500,000:1 (w/ Dynamic Black)
Display Color	30 Bits (1.07 Billion Colors)
Aspect Ratio	Native 16:9 (16:9, 4:3, Auto, Real aspect ratio selectable)
Light Source	RGB Laser
Light Source life*	Normal 20000 hrs ECO 20000 hrs
Optical	
Throw Ratio	0.252 (120"±3%@0.38m)
Zoom Ratio	NA
Lens	F=2.0; f=2.40mm(approximate)
Keystone Correction	Keystone: 2D, (Auto)vertical ± 30 degrees; (Auto)horizontal ± 30 degrees
Auto Screen Fit	Yes
Manual Screen Fit (8 Points Corner Fit)	Yes
Lens Shift	NA
Projection Size (Clear Focus / Maximum)	90"~120"
Audio	
Built-in Speaker	40W treVolo speakers (5W x2 tweeters + 15Wx2 woofers)
Picture	
Picture Mode	Bright, Living Room, Game, Bright Cinema, FILMMAKER MODE, Cinema(Rec 709), 3D, HDR10, HDR10+, HDR Game, FILMMAKER MODE HDR, HLG, ISF Night, ISF Day, User
Color Wheel Segment	No Color Wheel
Color Wheel Speed	NA
Special Feature	
Motion Enhancer	Yes
Local Contrast Enhancer	Yes
ISF	Yes
ALLM	Yes , Low Latency : 17.9ms @4K 60Hz, 1080p 60Hz, 5.1ms @1080p240Hz, 12.6ms@1080p120Hz (w/o keystone, cornerfit or screenfit)
Auto Blank (Eye Protection)	Yes
Compatibility	
Resolution Support	VGA(640 x 480) to UHD(3840 x 2160)
Horizontal Frequency	15~135KHz
Vertical Scan Rate	23 ~ 240 Hz
HDTV Compatibility	720p, 1080i, 1080p, 2160p
Video Compatibility	N/A
Interface	
HDMI (2.0b) (HDCP2.2)	HDMI-1 (Support ALLM) HDMI-2 (CEC/eARC with 5.1/7.1 multichannel audio output, ALLM)
HDMI (2.1) (HDCP2.2)	HDMI-3 (support 4K/120Hz input/1080P 120Hz output, ALLM)
USB 2.0 Type-A port (side)	x1 (5V /1.0A ; USB reader/drive)
USB 2.0 Type-A port (back)	x1 (5V/ 2.5A ; Power supply only)
USB Mini-B port (TI Firmware upgrade)	x1
Audio Out (3.5mm mini jack)	x1
12V Trigger (3.5mm Jack)	x1
RS232 In (D-sub 9pin, male)	x1
Audio Out (SPDIF)	x1
Wired Remote in (3.5mm Mini Jack)	NA
IR Receiver (Front/Top)	Yes (front*1, top*1)
Hidden Space for QS02 ATV dongle	
- HDMI Mini Male cable (2.0b, HDCP2.2)	x 1
- USB Micro-B Male cable (5V/1.5A Power supply)	x 1
Power	
Power Consumption(Max/Normal/Eco)	180W/150W120W
Standby Power Consumption	<0.5W
Power Supply	AC 100 to 240 V, 50/60 Hz
Dimension and Weight	
Product Dimensions (WxHxD)	760(W) x 164 (L) x 358(H) mm (With Foot)
Product Weight	13.21+/- 0.2Kg
Operation Condition	
Noise Level (Standard/Eco)	Typ. 28/26 dBA (XPR on)
Operating Temperature	0~40 degrees (Celcius)
Accessories	
Accessories (Standard)	Remote Control w/ Battery x 1 (RC1074) Power Cord (by region) x 1 (1.2m) Adjustable feet x 4 Installation Guide (2L) Regulatory Statements QR code for support website Android TV Dongle QS02
Accessories (Optional)	3D Glasses Universal wall mount
OSD	
On Screen Display Language	28L
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.

*** Default picture mode is Living room



Connectivity



I/O	Quantity
USB 2.0 Type A (5V 2.5A) : Power supply only	1
HDMI-1 (HDMI 2.0b & HDCP 2.2) (support ALLM)	1
HDMI-2 (HDMI 2.0b & HDCP 2.2) (CEC/eARC with 5.1/7.1/Dolby Atmos audio pass through, ALLM)	1
HDMI-3 (HDMI 2.1 & HDCP 2.2) (support 4K/120Hz input/1080P 120Hz output, ALLM)	1
SPDIF audio output port (5.1 multichannel audio output)	1
Audio out (3.5mm Mini Jack)	1
USB 2.0 Type A (5V 1.5A) : Scalar FW download	1
USB Mini-B port : TI FW download	1
RS232 In (D-sub 9pin, male)	1
12 V trigger jack (for electric projection screens)	1
USB 2.0 Type A (5V 1.0A) : Media Reader	1

Installation

Projection dimensions

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

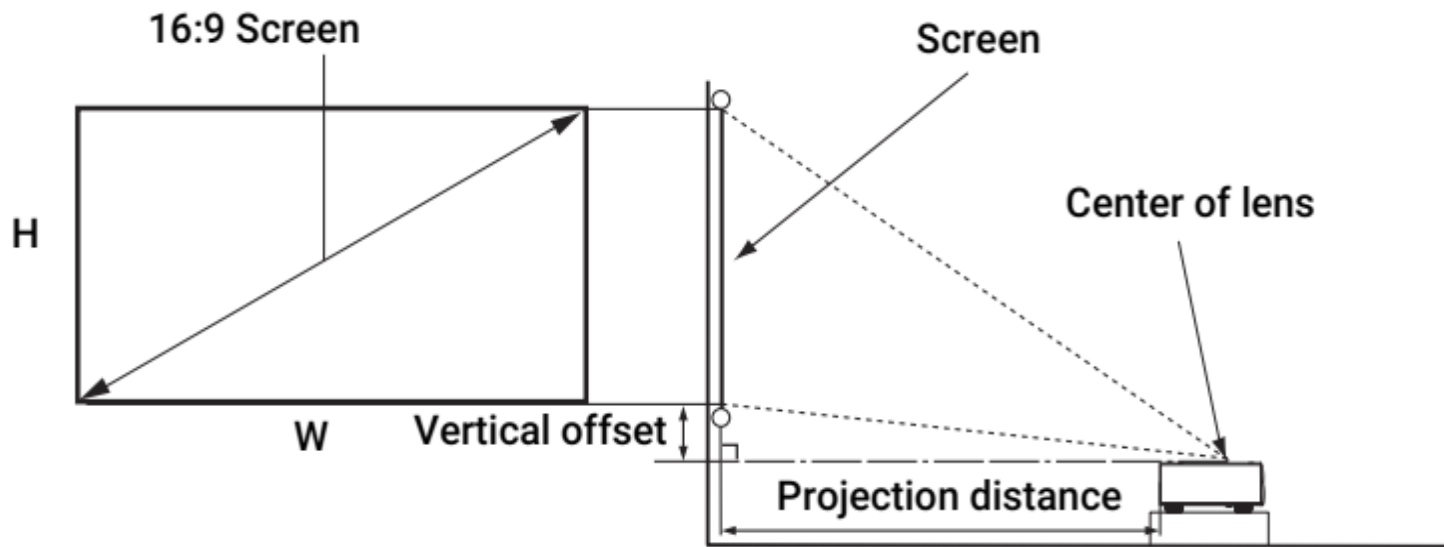
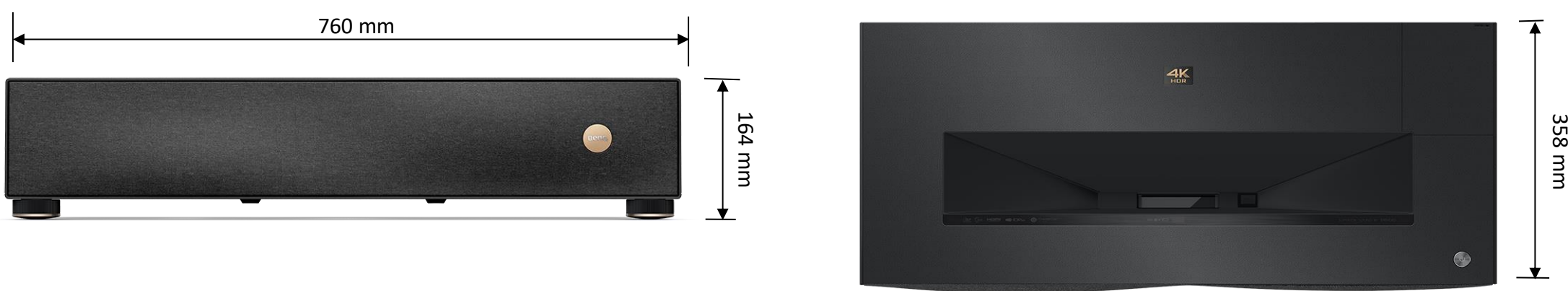


Image size				Projection distance (mm)	Vertical offset (mm)
Diagonal		W (mm)	H (mm)		
Inch	mm				
90	2286	1992	1121	217	211
100	2540	2214	1245	269	240
110	2794	2435	1370	321	270
120	3048	2657	1494	374	299

Dimension



Feature icons

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