



BenQ DLP Projector

MH856UST+

Feature High Light

- * 3500AL High Brightness
- * Longer Lamp Life to 12000 hrs
- * Support HDMI 2.0 4K2K input
- * Optional Interactive PointWrite Module compatibility.
- * BenQ Exclusive Infographic/ Vivid Mode



Display

Projection System	DLP Single 0.65" Full HD
DMD type	DC3 DMD chip
Native Resolution	1920 x 1080 pixels, 16:9
Brightness	3,500 Lumens
Contrast Ratio*	10,000:1
Display Color	1.07 Billion Colors
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)
Light Source	Lamp 240W
Light Source life*	Normal 5000 hrs;Economic 8000 hrs;SmartEco 10000 hrs;LampSave 12000 hrs

Optical

Throw Ratio	0.33
Zoom Ratio	Fixed
Lens Control	Manual Focus
Lens shift	N/A
Keystone Correction	2D, Vertical ± 15 degrees; Horizontal ± 15 degrees
Projection Offset	124 $\pm$ 5%(Full-Height)
Projection Size	89"~102" (with wall mount)

Audio

Built-in Speaker	10W x2
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Special Feature

Security(防盜為主)	Security Bar, Kensington anti-theft lock slot
Feature	2D Keystone, Corner Fit, Digital zoom(2x), Digital Shrink(0.8x) and Shift, LAN Control, AMX/ PJ Link/Creston/MDA,DMS Local Compatibility Optional Wireless Display, Optional Interactive module (PW30U/PT20) compatibility.

Compatibility

Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200)
Horizontal Frequency	15~102KHz
Vertical Scan Rate	23 ~ 120 Hz
HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p
Video Compatibility	NTSC, PAL, SECAM

Power

Power Consumption(Max/Normal/Eco)	Max 350W. Normal 320 W. Eco 260 W.
Standby Power Consumption	Normal < 0.5Watts. Network < 2W.
Power Supply	100 ~ 240V AC

Dimension and Weight

Product Dimensions (WxHxD)	287.5x 206.9 x 373.3 mm
Product Weight	5 Kg+/- 100g

Operation Condition

Noise Level(Normal/Eco)	34/29 dBA
Operating Temperature	0 ~ 40°C

Accessories

Accessories (Standard)	Power Cord (by region) Remote Control (RCS01 I) AAA Batteryx2 VGA cable Warranty Card (by region) QSG (4JJKS01.001) Regulatory statement x1 Wall mount (WM04G4)
Accessories (Optional)	3D Glasses (5JJ9H25.002) PointWrite Kit: PW30U (5AJJR26.20E) PointWrite Touch Module: PT20(5AJJR26.30E) Wireless Dongle: QCast Mirror (5AJH328.10X) Wireless Kit - Instashow WDC10 (9HJF878.N4X)

OSD

On Screen Display Language	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/TraditionalChinese (28 Languages)
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Environment Notice

* The Contrast is measure by Full On Full Off standard.

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

* Storage: Temperature: -20~60°C; Humidity: 10~90%RH (without condensation)



Connectivity



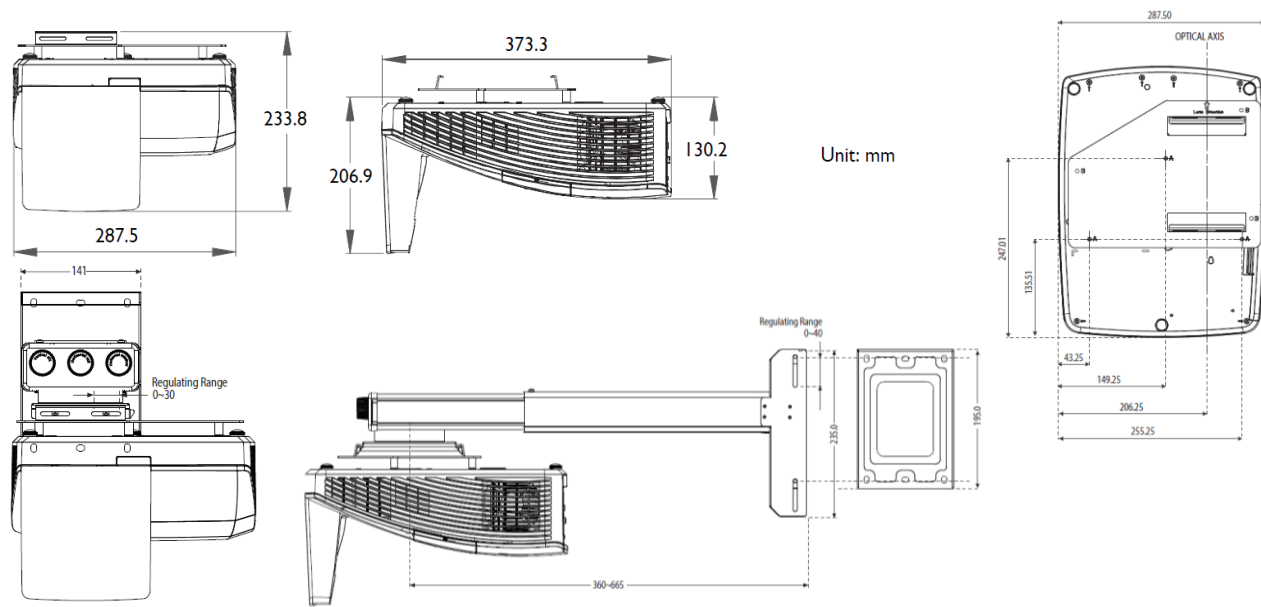
- 1 HDMI-1
- 2 HDMI-2
- 3 PC (D-sub 15pin)
- 4 Monitor out (D-sub 15pin, Female)
- 5 Composite Video in (RCA)
- 6 Audio in (mini jack)
- 7 Audio L/R in (RCA)
- 8 Audio out (mini jack)
- 9 LAN Port (RJ45 for Network)
- 10 RS232 In (D-sub 9pin, male)

Quantity

Quantity

- 11 USB TypeA (5V,1.5A)
- 12 USB Type B (For service)
- 13 USB Type mini B (For PointWrite mc I)
- 14 IR Receiver(Front)

Dimension

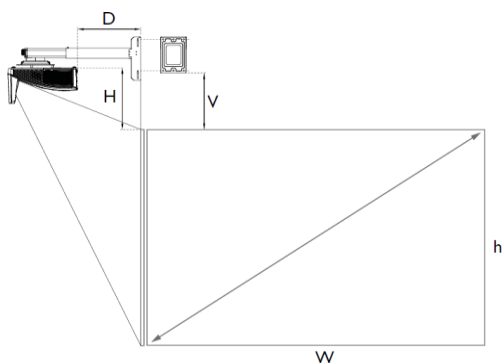


Unit: mm

Installation

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



1080P											
Screen size (Diagonal)		Screen width (W)		Screen Height (h)		Projection distance (D)		Offset (H)		Scale parameter	Distance between Wall plate & projection screen (V)
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	mm	
89	2258	77.5	1968	43.6	1107	13.20	335.4	13.00	331.2	550	305.9
90	2286	78.4	1991	44.1	1120	13.50	343.0	13.20	334.5	560	309.2
95	2413	82.8	2103	46.6	1183	14.96	380.0	13.80	350.5	595	325.2
97	2464	84.5	2148	47.6	1208	15.55	395.0	14.00	356.7	610	331.4
100	2540	87.1	2213	49.0	1245	16.39	416.3	14.40	366.2	630	340.9
102	2594	89.1	2262	50.1	1272	17.03	432.5	14.70	373.3	645	348

There is 5% tolerance among these numbers due to optical component variations. BenQ recommends that if you intend to permanently install the projector, you should physically test the projection size and distance using the actual projector before you permanently install it, so as to make allowance for this projector's optical characteristics. This will help you determine the exact mounting position so that it best suits your installation location.



Just Projectors, Unit 7, Campbell Court, Bramley Hampshire, RG26 5EG