



## BenQ DLP Projector LH856UST

### Feature High Light

- \* 3500AL High Brightness
- \* Up to 60,000 hrs laser life
- \* 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	0.65" WXGA 2xLVDS 450 DMD (DC Version: 03)
Native Resolution	1080p (1920 x 1080)
Brightness	3,500 Lumens
Contrast Ratio*	3,000,000:1
Display Color	1.07 Billion Colors
Aspect Ratio	Native 16:9 (5 aspect ratio selectable: Auto / 4:3 / 16:9)
Light Source	Laser NUBB28
Light Source life*	20,000hrs: 100% power (Normal) 38,000hrs: 80% power (ECO) 20,000-60,000hrs: 40-100% power (Custom) 60,000 hrs: 40-100% power (Dynamic Dimming)

### Optical

Throw Ratio	0.33
Zoom Ratio	Fixed
Lens Control	Manual Focus
Lens shift	N/A
Keystone Correction	2D, Vertical $\pm$ 15 degrees; Horizontal $\pm$ 15 degrees
Projection Offset	124.6% (Full-Height)
Projection Size	81"-103"

### 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, Crestron/AMX/ PJ Link compatibility, Optional Interactive module (PW31U/PW30U/PT20) compatibility, BenQ DMS

### Compatibility

Resolution Support	VGA(640 x 480) to UHD(3840 x 2160)
Horizontal Frequency	15~135KHz
Vertical Scan Rate	23 ~ 120 Hz
HDTV Compatibility	720@50P/60P, 1080@50i/60i/24p/25p/30p/50p/60p, 4K@24/25/30/50/60p
Video Compatibility	N/A

### Power

Power Consumption(Max/Normal/Eco)	Max 190W, Normal 170W, Eco 140W
Standby Power Consumption	Normal < 0.5Watts, Network < 2W.
Power Supply	100 ~ 240V AC

### Dimension and Weight

Product Dimensions (WxHxD)	317.2 x 376.4 x 208 mm
Product Weight	6.5 Kg $\pm$ / 100g

### Operation Condition

Noise Level(Normal/Eco)	34/32 dBA
Operating Temperature	0 ~ 40°C

### Accessories

Accessories (Standard)	Power Cord (by region) (3.0M) Remote Control (RCCE017) AAA Battery x2 VGA cable (1.8M) Warranty Card (by region) QSG (4JJS101.001) Regulatory statement Wall mount (WM04G4)
Accessories (Optional)	3D Glasses (5J9H25.002) Universal Ceiling Mount (CMG3) PointWrite Kit: PW31U (5AJJR26.11E) / PW30U (5AJJR26.20E) PointWrite Touch Module: PT20 (5AJJR26.30E) Wireless Dongle: QCast Mirror QP30 (5AJH328.004) Wireless Kit - Instashow WDC10 (9HJF878.N4E) / WDC30 (9HJNY78.S1E)

### OSD

On Screen Display Language	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Persian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Vietnamese (30 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

	Quantity		Quantity
1 HDMI-1	1	8 LAN Port (RJ45 for Network)	1
2 HDMI-2	1	9 RS232 In (D-sub 9pin, male)	1
3 PC (D-sub 15pin shared with component video)	1	10 USB TypeA (5V,1.5A)	1
4 Monitor out (D-sub 15pin, Female)	1	12 USB Type mini B (For PointVWrite module)	1
5 Audio in (3.5mm mini jack)	1	13 IR Receiver (Front)	1
6 Audio out (3.5mm mini jack)	1	14 Speaker (10W)	2
7 Microphone in (3.5mm mini jack)	1		

## Dimension

