

# FEATURE HIGHLIGHTS

- 4000LM HIGH BRIGHTNESS AND TRUE BLACK
- LASER BLUE CORE FOR 20,000 HOURS MAINTENANCE FREE
- IP5X DUSTGUARD TO PROOF DUST FOR ADVANCED DURABILITY
- HIGH COVERAGE RATE OF REC709 AND INFOGRAPHIC PICTURE MODE
- OPTIMUM BRIGHTNESS BY CONSTANT BRIGHTNESS AND LUMIEXPERT
- EASY FIRMWARE UPDATER VIA LAN TO SIMPLIFY CENTRALIZED NETWORK MANAGEMENT
- WIRELESS PRESENTATION BY QCAST MIRROR/QCAST/INSTASHOW (OPTIONAL)



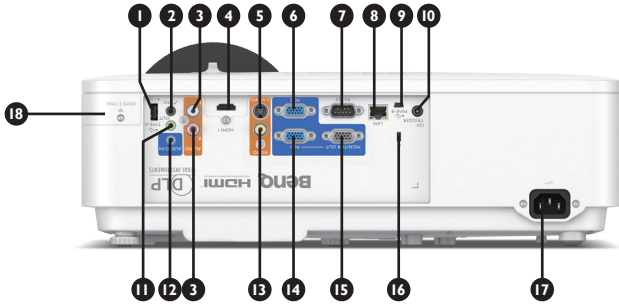
## Product Specifications

Projection System	DLP Single 0.65" WXGA	
DMD type	DC3 DMD Chip	
Native Resolution	1280 x 800 pixels	
Brightness	4,000 ANSI Lumens	
Contrast Ratio *	100,000 : 1	
Display Color	1.07 Billion Colors	
Aspect Ratio	Native 16 : 10 (5 aspect ratio selectable)	
Projection Offset	12.5%	
Projection Size	30" ~ 300"	
Throw Ratio	1.45~2.24	
Zoom Ratio	1.5 x	
Lens Shift	Vertical: +12.5%	
Light Source Type	Laser Diode	
Light Source Life **	20,000 Hours	
Keystone Adjustment	Vertical: ± 30 degrees, Horizontal: ± 30 degrees	
Resolution Support	VGA (640 x 480) to WUXGA (1920 x 1200)	
Horizontal Frequency	15~102KHz	
Vertical Scan Rate	23 ~ 120 Hz	
Compatibility	HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p
	Video Compatibility	NTSC, PAL, SECAM
Dimensions (W x H x D)	410 x 158 x 272 mm	
Weight	5.6 kg	
Power Supply	100 ~ 240V AC	
Power Consumption (Max / Normal / Eco)	320 W / 300 W / 280 W	
Standby Power Consumption	Normal < 0.5W Network < 2W	
Audible Noise	33 / 29 dBA (without filter)	
Operating Temperature	0 ~ 40°C	
Built-in Speaker	10W x 1	
Security	Security Bar; Kensington anti-theft lock slot	
Feature	Blank for True Black, 2D Keystone, Corner fit. Custom lightsource mode (brightness adjustment), Constant Brightness Mode, Infographic and Vivid mode, Dust Proof engine.	
On-Screen Display Languages	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 / Traditional Chinese (28 Languages)	
Accessories	<b>Standard</b>	<b>Optional</b>
	CD UM (5B,JHJ01.001) Quick Start Guide (4J,JHJ01.001) Remote Control (5J,JJF06.001) AAA Battery x 2 VGA Cable (1.8m) Power Cord (3m) Warranty Card (by Region)	Wireless Kit - Instashow WDC10 (9H,JF878.N4X) Wireless Dongle - QCast (5J,JCK28.X01) Wireless Dongle - QCast Mirror (5A,JH328.10X) 3D Glasses (5J,J9H25.002) Ceiling mount (5J,JAM10.001) Dust Filter (5J,JJF14.001)

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

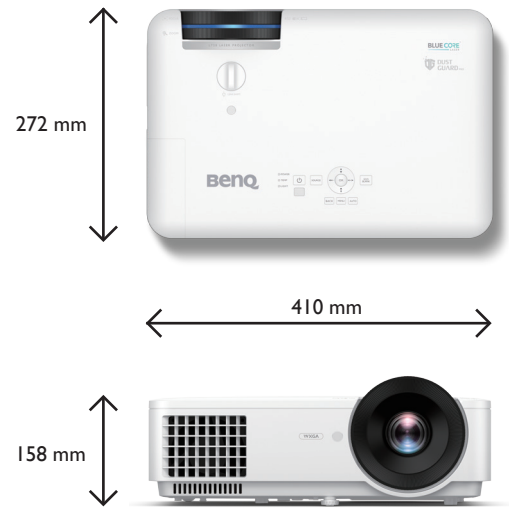
\*\* LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

## Input and Output Terminals



- 1 USB TypeA (1.5A power)
- 2 Microphone Input (Mini jack)
- 3 Audio L / R Input (RCA)
- 4 HDMI-I
- 5 S-Video
- 6 PC 2 Input (D-sub 15pin, Female)
- 7 RS232 Input (D-sub 9pin, male)
- 8 LAN (RJ45) (Control & FW Upgrade)
- 9 USB Type min B (For Page up / down and FW upgrade)
- 10 DC 12V Trigger (3.5 mm Jack)
- 11 Audio Output (mini jack)
- 12 Audio Input (mini jack)
- 13 Composite Video (RCA)
- 14 PC 1 Input (D-sub 15pin, Female)
- 15 Monitor Output (D-sub 15pin, Female)
- 16 Kensington anti-theft lock slot
- 17 AC Power Jack
- 18 HDMI-2 / MHL (Hidden space for QCast / QCast Mirror)

## Dimensions

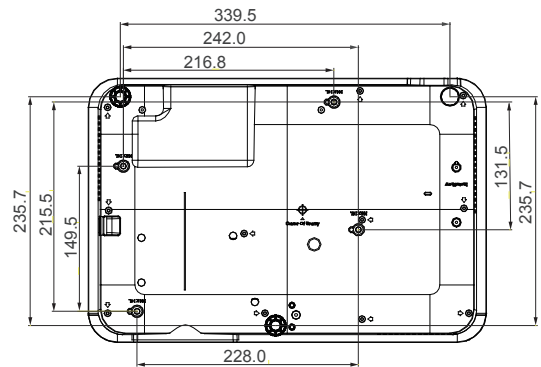


## Distance Chart

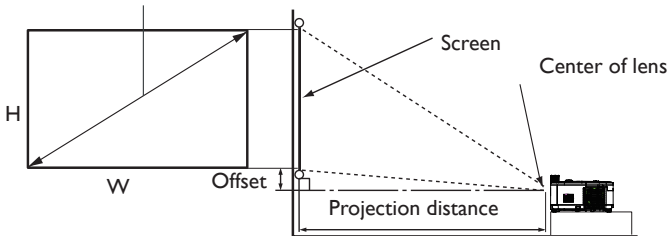
Screen size				Projection distance (mm)		
Diagonal		H	W	Min distance (max zoom)	Average	Max distance (min zoom)
Inch	mm	(mm)	(mm)			
30	762	404	646	911	1166	1421
40	1016	538	862	1232	1571	1910
50	1270	673	1077	1554	1977	2400
60	1524	808	1292	1875	2383	2890
80	2032	1077	1723	2518	3194	3870
100	2540	1346	2154	3160	4005	4849
120	3048	1615	2585	3803	4816	5829
140	3556	1885	3015	4445	5627	6809
160	4064	2154	3446	5088	6439	7789
180	4572	2423	3877	5731	7250	8768
200	5080	2692	4308	6373	8061	9748
220	5588	2962	4739	7016	8872	10728
250	6350	3365	5385	7980	10089	12197
300	7620	4039	6462	9586	12116	14646

## Ceiling Mount Chart

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



16:10 Screen diagonal



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