



## BenQ DLP Projector

## LU935ST

### Feature High Light

- \* Laser light source 5500 ANSI Lumens
- \* Short Throw
- \* Big zoom & Lens shift
- \* 360-degree Projection
- \* HDBaseT
- \* Digital shrink and shift
- \* 3D sync in and out
- \* Projector and remote control ID setting



### Display

Projection System	DLP Single 0.48" WUXGA
DMD type	DC3 DMD Chip
Native Resolution	1920x1200 pixels
Brightness	5500 ANSI Lumens
Contrast Ratio*	3,000,000:1
Display Color	30 Bits (1.07 billion colors)
Aspect Ratio	Native 16:10 (5 aspect ratio selectable)
Light Source	Laser
Light Source life*	20,000 (Normal/Eco)

### Optical

Throw Ratio	0.81 ~ 0.89
Zoom Ratio	1.1x
Lens Control	Manual Zoom and Focus
Lens shift	Manual lens shift, V: ±60 %; H: ±23 %
Keystone Correction	2D keystone, V: ±30 degree; H: ±30 degree
Projection Offset	NA
Projection Size	30" ~ 300"

### Audio

Built-in Speaker	10W
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### Special Feature

Security(anti-theft) Feature	Security Bar Large lens shifr, Projector/ Remote Control ID Setting, HDBaseT, LAN Control, 360° Projection, Portrait, Fast Mode, 3D sync in and out, white balance adjustment
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### Compatibility

Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB-Reduced Blanking *4K input compatible
Horizontal Frequency	15~102KHz
Vertical Scan Rate	24 ~120 Hz
HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p
Video Compatibility	NTSC, PAL, SECAM

### Power

Power Consumption(Max/Normal/Eco)	Max 495W/ Normal 440W/ Eco 315W
Standby Power Consumption	Normal < 0.5W, Network <2W
Power Supply	100 ~ 240V AC

### Dimension and Weight

Product Dimensions (WxHxD)	416x166 x 351 mm
Product Weight	7.0 Kg

### Operation Condition

Noise Level(Normal/Eco)	32/39 dBA
Operating Temperature	0 ~ 40°C

### Accessories

Accessories (Standard)	Power Cord Remote control (RCA011) AAA Batteryx2 Installation Guide/Regulatory Statement(Combined) Warranty card(by sku)
Accessories (Optional)	Ceiling mount (CMG3) 3D glasses

### 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/ Vietnam (30 languages)
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### Environment Notice

\*LightSource 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.



**Connectivity**



**Connectivity**

- 1 HDMI (HDCP 2.2)
- 2 USB TypeA(5V/1.5A power)
- 3 HDBaseT
- 4 Wired Remote in
- 5 3D Sync in
- 6 PC In
- 7 Monitor out (D-sub 15pin,Female)
- 8 RS232 In (D-sub 9pin, male)
- 9 LAN Port(RJ45 for Network control)
- 10 Audio in(mini jack)

**Connectivity**

Quantity

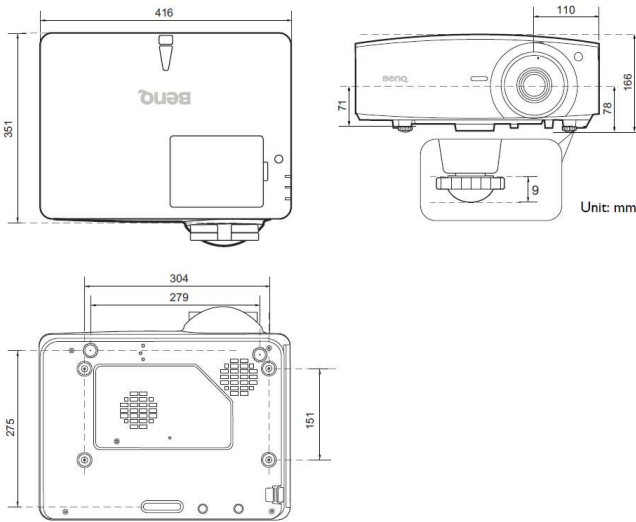
- 11 Audio out (mini jack)
- 12 12V Trigger
- 13 3D Sync out
- 14 IR Receiver(Front)
- 15 IR Receiver(Rear)
- 16 Kensington anti-theft lock slot

Quantity

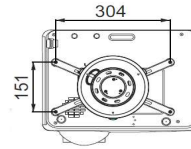
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**Dimension**

416 mm (W) x 166 mm (H) x 351 mm (D)

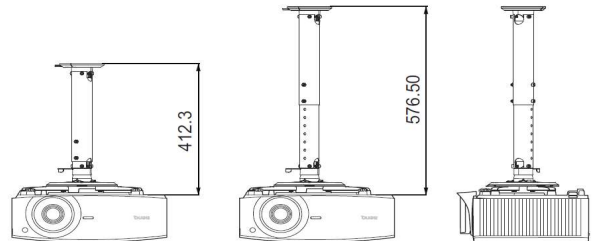


**Ceiling/Wall mount installation diagram**



BenQ ceiling mount CMG3 (5JJAM10.001)  
Ceiling mount screw: M4  
(Max. L = 25 mm; Min. L = 20 mm)

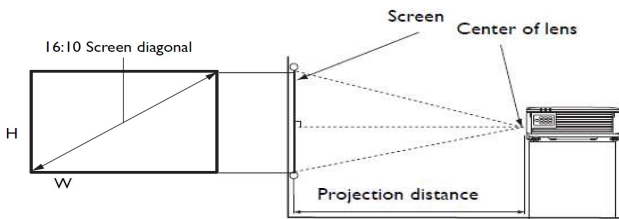
Unit: mm



Unit: mm

**Installation**

• The screen aspect ratio is 16:10 and the projected picture is in a 16:10 aspect ratio



Screen size		Projection distance (mm)			
Diagonal	W (mm)	H (mm)	Min length (max. zoom)	Average	Max length (min. zoom)
30	762	646	404	523	575
40	1016	862	538	698	767
50	1270	1077	673	872	959
60	1524	1292	808	1047	1150
80	2032	1723	1077	1396	1534
90	2286	1939	1212	1570	1725
100	2540	2154	1346	1745	1917
110	2794	2369	1481	1919	2109
120	3048	2585	1615	2094	2300
130	3302	2800	1750	2268	2492
140	3556	3015	1885	2443	2684
150	3810	3231	2019	2617	2875
160	4064	3446	2154	2791	3067
170	4318	3662	2289	2966	3259
180	4572	3877	2423	3140	3451
190	4826	4092	2558	3315	3642
200	5080	4308	2692	3489	3834
250	6350	5385	3365	4362	4792
300	7620	6462	4039	5234	5751

\*To optimize your projection quality, we suggest to do the projection within non-gray area.

