

# MH536

## BenQ DLP Projector



### Features

- 5G Crystal Glass Lenses for Pure Clarity
- 3,800 ANSI Lumen High Brightness for Stunning Presentations
- 20,000:1 High Native Contrast for Crisp Readability
- 1.2x Zoom Ratio for High Setup Flexibility
- Simple Setup, Intuitive Operation, and Hassle-Free Maintenance
- Dual HDMI Inputs & Eco-Friendly Low Total Cost of Ownership
- BenQ Exclusive Picture Mode For Spreadsheet Contents



### Product Specifications

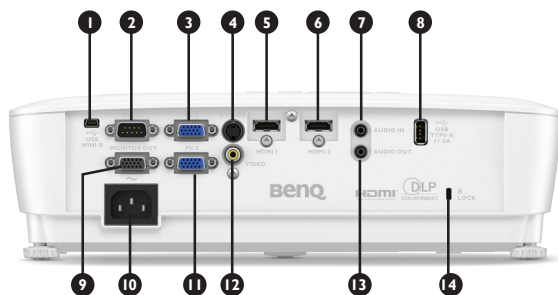
|                                |                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Projection System              | DLP Single 0.65" 1080P                                                                                                                                                                                                                                                                                                                         |
| Native Resolution              | 1920 x 1080 pixels                                                                                                                                                                                                                                                                                                                             |
| Brightness                     | 3,800 ANSI Lumens                                                                                                                                                                                                                                                                                                                              |
| Contrast Ratio*                | 20,000 : 1                                                                                                                                                                                                                                                                                                                                     |
| Display Color                  | 30 Bits / 1.07 Billion Colors                                                                                                                                                                                                                                                                                                                  |
| Aspect Ratio                   | Native 16 : 9 (5 aspect ratio selectable)                                                                                                                                                                                                                                                                                                      |
| Light Source                   | Lamp                                                                                                                                                                                                                                                                                                                                           |
| Light Source Life**            | Normal 5,500 hr / ECO 7,000 hr / Smart ECO 10,000 hr / Lamp Save 15,000 hr / Long ECO 20,000 hr                                                                                                                                                                                                                                                |
| Throw Ratio                    | 1.368~1.662                                                                                                                                                                                                                                                                                                                                    |
| Zoom Ratio                     | 1.2x                                                                                                                                                                                                                                                                                                                                           |
| Keystone Correction            | Auto ID, Vertical +/- 40 degrees                                                                                                                                                                                                                                                                                                               |
| Projection Offset              | 107.0%                                                                                                                                                                                                                                                                                                                                         |
| Projection Size                | 60"~150"                                                                                                                                                                                                                                                                                                                                       |
| Built-in Speaker               | 2W x 1                                                                                                                                                                                                                                                                                                                                         |
| Security                       | Security Bar, Kensington lock                                                                                                                                                                                                                                                                                                                  |
| Feature                        | ID Auto Keystone, High Brightness, Spreadsheet mode, Bright Mode, Presentation Mode, Infographic Mode, Video Mode, Srgb Mode                                                                                                                                                                                                                   |
| Resolution Support             | VGA (640 x 480) to WUXGA_RB (1920 x 1200)                                                                                                                                                                                                                                                                                                      |
| Horizontal Frequency           | 15K~102KHz                                                                                                                                                                                                                                                                                                                                     |
| Vertical Scan Rate             | 23~120 Hz                                                                                                                                                                                                                                                                                                                                      |
| HDTV Compatibility             | 480i, 480p, 576i, 567p, 720p, 1080i, 1080p                                                                                                                                                                                                                                                                                                     |
| Video Compatibility            | NTSC, PAL, SECAM, SDTV (480i/576i), EDTV (480p/576p, HDTV (720p, 1080i/p 60Hz)                                                                                                                                                                                                                                                                 |
| Power Consumption              | Max 260W, Normal 240W, Eco 190W                                                                                                                                                                                                                                                                                                                |
| Standby Power Consumption      | Normal < 0.5W                                                                                                                                                                                                                                                                                                                                  |
| Power Supply                   | 100~240V AC                                                                                                                                                                                                                                                                                                                                    |
| Product Dimensions (W x H x D) | 330.6 x 100.4x 241.0 mm                                                                                                                                                                                                                                                                                                                        |
| Product Weight                 | 2.6 kg                                                                                                                                                                                                                                                                                                                                         |
| Noise Level (Normal / Eco)     | 32 / 29 dBA (without filter)                                                                                                                                                                                                                                                                                                                   |
| Operating Temperature          | 0 ~ 40°C                                                                                                                                                                                                                                                                                                                                       |
| Accessories (Standard)         | Quick Start Guide (4JJHJ01.001)<br>Remote Control (5JJF06.001)<br>AAA Battery x 2<br>VGA Cable (1.5m)<br>Power Cord (1.8m)<br>Warranty Card (by Region)                                                                                                                                                                                        |
| Accessories (Optional)         | Spare Lamp Kit (5JJG705.001)<br>3D Glasses (5JJ9H25.002)<br>Ceiling Mount (5JJAM10.001)<br>Carry Bag (5JJ4R09.001)<br>Qcast Mirror (5AJH328.10X)<br>WDC10                                                                                                                                                                                      |
| 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 / Traditional Chinese / Farsi / Vietnamese (30 Languages) |

\*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.

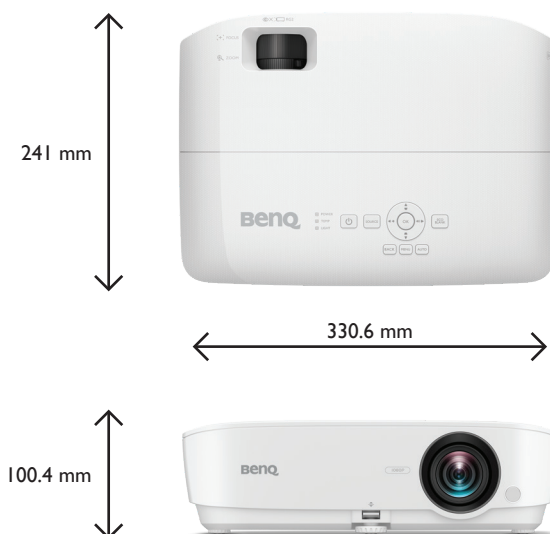
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## Input and Output Terminals



- |                                        |                                        |
|----------------------------------------|----------------------------------------|
| ① USB Type min B (For FW upgrade)      | ⑧ USB Type A (1.5A power)              |
| ② RS232 Input (D-sub 9pin, male)       | ⑨ Monitor Output (D-sub 15pin, Female) |
| ③ Computer Input (D-sub 15pin, Female) | ⑩ AC Power cord inlet                  |
| ④ S-Video                              | ⑪ Computer Input (D-sub 15pin, Female) |
| ⑤ HDMI 1                               | ⑫ Composite Video (RCA)                |
| ⑥ HDMI 2                               | ⑬ Audio Output (mini jack)             |
| ⑦ Audio Input (mini jack)              | ⑭ Kensington anti-theft lock slot      |

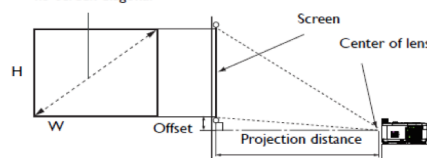
## Dimensions



## Distance Chart

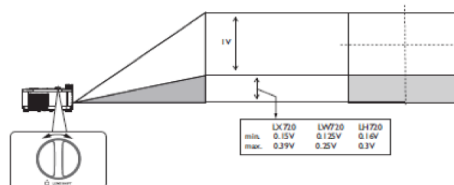
| Screen size |      |      |      | Distance from screen (mm) |         |              |
|-------------|------|------|------|---------------------------|---------|--------------|
| Diagonal    |      | H    | W    | Min length                | Average | Max distance |
| inch        | mm   | (mm) | (mm) | (max. zoom)               |         | (min. zoom)  |
| 30          | 762  | 457  | 610  | 1093                      | 1395    | 1696         |
| 40          | 1016 | 610  | 813  | 1468                      | 1871    | 2273         |
| 50          | 1270 | 762  | 1016 | 1844                      | 2347    | 2850         |
| 60          | 1524 | 914  | 1219 | 2220                      | 2823    | 3426         |
| 80          | 2032 | 1219 | 1626 | 2972                      | 3776    | 4580         |
| 100         | 2540 | 1524 | 2032 | 3724                      | 4729    | 5733         |
| 120         | 3048 | 1829 | 2438 | 4476                      | 5681    | 6886         |
| 140         | 3556 | 2134 | 2845 | 5228                      | 6634    | 8040         |
| 160         | 4064 | 2438 | 3251 | 5980                      | 7587    | 9193         |
| 180         | 4572 | 2743 | 3658 | 6731                      | 8539    | 10346        |
| 200         | 5080 | 3048 | 4064 | 7483                      | 9492    | 11500        |
| 220         | 5588 | 3353 | 4470 | 8235                      | 10444   | 12653        |
| 250         | 6350 | 3810 | 5080 | 9363                      | 11873   | 14383        |
| 270         | 6858 | 4115 | 5486 | 10115                     | 12826   | 15536        |
| 300         | 7620 | 4572 | 6096 | 11243                     | 14255   | 17266        |

4:3 Screen diagonal



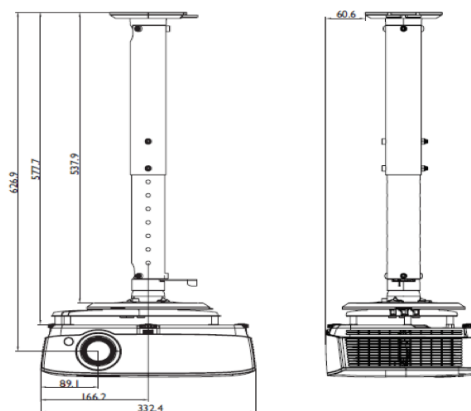
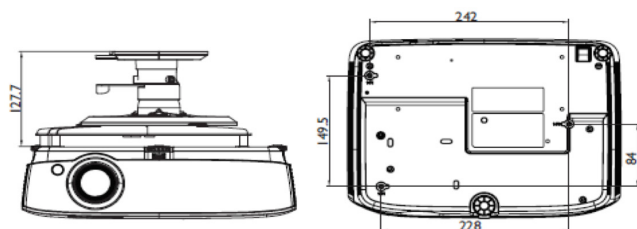
The screen aspect ratio is 4:3 and the projected picture is in a 4:3 aspect ratio

### Shifting the projection lens



## Ceiling Mount Chart

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



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