

# Benq W4100i

BENQ W4100i



Top

The Benq W4100i model is a DLP LED projector with UHD (4K2K) 3840 x 2160 resolution and a contrast ratio of 3000000:1. The manufacturer specifies an LED lifetime of 20,000 hours, which would be equivalent to over 13.7 years at 4 hours per day. The projector is equipped with an integrated media player, so playing files directly will not be a problem. The integrated lens shift gives you freedom when setting up the projector. 3200 ANSI lumens ensure that an image width of 575 cm is also possible. However, if there is room lighting, the image should be no more than 383 cm wide. The projector has Airplay and screen mirroring support, which allows high-resolution videos and surround sound to be played directly from smartphones, tablets, and PCs with Android, Windows, or iOS via Wi-Fi. In addition, thanks to the Bluetooth function, the projector can be flexibly paired with other speakers. Furthermore, the projector can play 1080P and 4K as well as 3D without any problems, meaning that all currently available Blu-ray formats can be recognized by the projector. At just 30 decibels, the device is one of the quieter projectors available.



1 x DLP Chip  
HDTV 16/9 Ti Digital Light Processing Chip

## Brief Introduction

Beta 2.5

## Display Type

### Ansi-Lumen

### Contrast

### Black Level

### Lens shift

### Resolution

## Video Modes

## Disc Recognition

## 3D Compatibility

## Application

## Light Source

## Light Life

## Operating Costs

## Focus

## Zoom

Projector  
3200  
3000000:1 full on/off  
0,0011 min. Lumen

Vert.: +60% -0% Hori.: +/-15%

UHD (4K2K) 3840 x 2160

8.294.400 Pixel / FHD E-Shift

Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, 4K UHD, 3D, EDTV 480p, 576p

**Media player formats:** • MP3 (.mp3) • MP2 (.mp2) • M4A (.m4a) • Lossless (.flac) • WAV (.wav) • AVI (.avi) • MOV (.mov) • MPEG program stream (.mpg, .mp4) • 3GP (.3gp, .3g2) • ASF (.asf) • VOB (.vob) • DAT (.dat) • TS (.ts) • MPEG-4 (.m4v) • FLV (.flv) • JPG/JPEG • BMP • PNG • MP3 (.mp3) • MP2 (.mp2) • M4A (.m4a) • Lossless (.flac) • WAV (.wav) Video • AVI (.avi) • MOV (.mov) • MPEG-Programmstream (.mpg, .mp4) • 3GP (.3gp, 3g2) • ASF (.asf) • WMV (.wmv) • MKV (.mkv) • VOB (.vob) • DAT (.dat) • TS (.ts) • MPEG-4 (.m4v) • FLV (.flv) Foto • JPG/JPEG • BMP • PNG

DVD | HD Blu-ray | 3D Blu-ray | 4K UHD Blu-ray (60p)

Frame-Packing (Full HD 3D) | Side-by-Side | Top-and-Bottom

Frame Sequential (3D Ready)

Homecinema | Gaming | Medium screen width or rooms with a little more ambient light, max. 200 lumens.

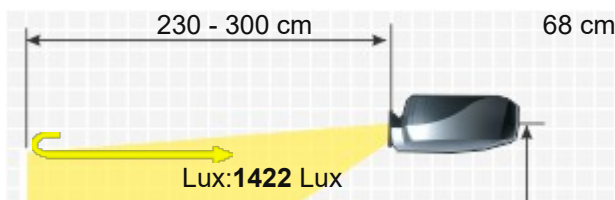
4LED

20000 h. / 30000 h. in Eco Mode

0,00 € LED

Manual

Manual x1,3



|             |                             |  |
|-------------|-----------------------------|--|
| Objective   | F=1,8-2,25 f=17,02-22,21 mm |  |
| Throw Ratio | 1,15-1,50:1                 |  |
| Audio       | 1 x 5W                      |  |

HDMI-1 (2.1/HDCP2.3) (4K 60Hz/ALLM)  
 HDMI-2 (2.1/HDCP2.3) (4K 60Hz/ALLM/Audio Return+)  
 HDMI-3 (2.1/HDCP2.3)(4K 120Hz \*downscaling to 1080p 120Hz)(x3)  
 HDMI-Intern (2.0b/HDCP2.2)  
 Mini Jack Audio out  
 S/PDIF (Multi-Kanal, RAW)  
 USB-A in  
 USB-B in (Service)  
 RS232C Din 9 pin in  
 12V Trigger out  
 RJ45 in  
 Bluetooth 5.0

Connections



- |                                          |                |
|------------------------------------------|----------------|
| ① HDMI-1<br>(2.1/ HDCP2.3)               | ④ Media Reader |
| ② HDMI-2<br>(2.1/HDCP2.3/ Audio Return+) | ⑤ Audio Out    |
| ③ HDMI-3<br>(2.1/HDCP2.3/4K 120Hz)       | ⑥ SPDIF        |
|                                          | ⑦ USB-A (2.5A) |
|                                          | ⑧ RS-232       |

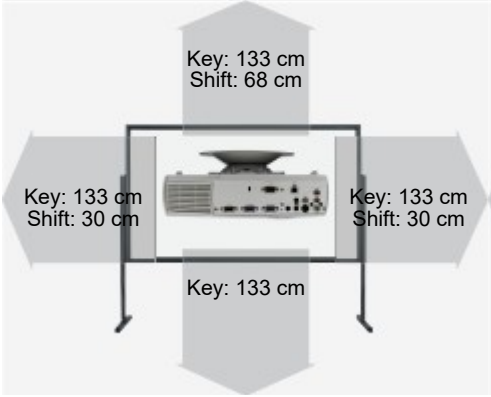
|                  |                                                       |
|------------------|-------------------------------------------------------|
| Ceiling Mounting | Yes, is possible.                                     |
| Power            | 330W Normal                                           |
| Size WxHxD       | 420,5 x 135 x 312,1 mm (16,5"x5,3"x12,3") 17,69 L/dm³ |
| Operating Noise  | 30 / 29 dB in Eco Mode                                |

|              |                           |
|--------------|---------------------------|
| Weight       | 6,10 kg / 13,23 lbs.      |
| Keystone     | Vert.: +/-30° automatisch |
| Illumination | Hori.: +/-30°             |
|              | 100%                      |

|          |                    |
|----------|--------------------|
| Frequenz | H-sync: 15-270 kHz |
|          | V-sync: 23-240 Hz  |

|               |                                   |
|---------------|-----------------------------------|
| Foot-Lamberts | 132 fL / max. 575 cm screen width |
|               | 452 cd/m²                         |

- Features
- Real Full HD 3D
  - Full HD 1080P compatible
  - Lens shift Funktion
  - Integrated Mediaplayer
  - Eco Mode
  - Automatic and manual vertical keystone correction
  - Kensington Slot
  - High Dynamic Range (HDR)
  - Wi-Fi network compatible.
  - Lan network compatible.
  - Android 11.0 (Google ATV Version 11.0)



■ Google Voice Assistant  
■ eARC (with 5.1/7.1 Dolby Atmos pass through)  
■ Filmmaker Mode  
■ 24fps  
■ AI Cinema Mode  
■ Game Mode Input latency: 6.5ms @ 1080P, 17.9ms @ 4K  
■ Refresh rate: 240Hz @ 1080P, 60Hz @ 4K  
AirPlay / Google Cast  
2025 Current model // Last update of the data: 2025-09-09  
Created: 2025-04-17 08:32:36

Screen Mirroring  
Status

Data



More Details



HCinema

<https://www.projector-database.com/pro/benqw4100i-en.html>

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