

## DH1009

## Full HD 1080p, Bright and Portable

- Bright vivid colours – 3200 ANSI Lumens
- High contrast - 20,000:1 contrast ratio
- Full HD 1080p image quality
- Easy connectivity - 2x HDMI and MHL support and built-in 10W speaker



# DH1009

Full HD 1080p, Bright and Portable

The DH1009 couples 1080p high resolution with bright, vibrant visuals to produce pin sharp graphics and crystal clear text – ideal for use in a meeting room or classroom.

With a built-in speaker and two HDMI inputs the DH1009 is easy to setup and use. It can even be turned into a smart projector by connecting a smartphone or tablet with a single cable using MHL to view presentations and documents, stream videos and share images on the big screen.

## Full HD 1080p

1080p resolution gives you sharp and detailed images from HD content without downscaling or compression; perfect for watching Blu-ray movies, HD broadcasting and playing video games.



## Full 3D

Optoma projectors can display true 3D content from almost any 3D source, including 3D Blu-ray players, 3D broadcasting and the latest generation games consoles. Support for 144Hz rapid refresh rate provides ultra-smooth flicker free images.



## High Contrast

Add more depth to your image with a high contrast projector; with brighter whites and ultra-rich blacks, images come alive and text appears crisp and clear - ideal for business and education applications.

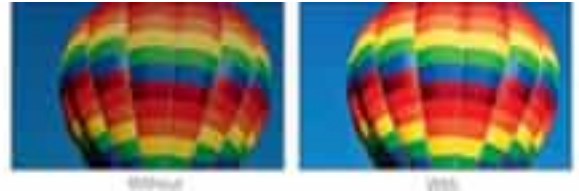
## MHL Connectivity

Turn your projector into a smart display by connecting your smartphone or tablet with a single cable using MHL; now you can view presentations and documents, stream videos and share photos on the big screen.



## Amazing Colours

For vibrant, natural looking images, Optoma projectors incorporate BrilliantColor™ multi-colour processing technology.



## Color Guarantee

Enjoy dazzling colours for years to come; guaranteed by Optoma for five years' consistent performance.



## Integrated Speaker

Complete your home entertainment experience with the convenience of a powerful built-in speaker. Built-in speakers provide exceptional sound quality and are easy to set up without the need for costly external speakers.

## Long Lamp Life

Reduce the number of lamp changes with lamp life of up to 6500 hours.

## Auto Power Off

There may be instances when the projector is left running when not in use. To help save energy, the "Auto Power Off" feature automatically turns off the projector after a set period of time if it is not being used

# DH1009 Specification

Display Technology	DLP
Native Resolution	1080p 1920 x 1080
Brightness <sup>1</sup> (Bright Mode)	3200 ANSI Lumens
Contrast	20,000:1
Noise Level (Eco mode)	26dB
Weight (kg)	2.45
I/O Connectors	2 x HDMI (1.4a 3D support) + MHL, Audio Out 3.5mm, 12V Trigger, 3D-Sync, USB Service
Maximum Resolution	1080p
Computer Compatibility	UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
Video Compatibility	1080p, 1080i, 720p, 576i/p, 480i/p
Displayable Colours	1073.4 Million
Projection Lens	F/2.5~2.67; f=21.9~24mm, 1.1x Manual Zoom
Throw Ratio	1.48 - 1.62:1
Projection Screen Size	1.06 - 7.67m (41.8" - 300") Diagonal 16:9
Projection Distance	1.5 - 10m
Zoom Type	1.1x Manual
Aspect Ratio	16:9 Native, 4:3 Compatible
Offset	116% ±5%
Horizontal Scan Rate	15.375~91.146 KHz
Vertical Scan Rate	24 ~ 85Hz (120Hz for 3D)
Lamp Type	190W
Lamp Life (Eco/Bright Mode)	6000/5000
Keystone Correction	± 40° Vertical
Audio	10W
Dimensions (W x D x H) (mm)	315 x 224 x 114
Remote Control	Full function remote with direct source selecting and backlight
Power Supply	Input: 110 - 220v
Power Consumption	233W BRIGHT mode < 0.5W Standby mode, 193W Eco mode < 0.5W Standby mode
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformity	80%
Security	Security Bar, Kensington Lock, Password Protection
Standard Accessories	AC Power Cord, Back-lit IR Remote Control with Batteries, Quick Start Card, CD User Manual, Warranty Card
Optional Accessories	Ceiling Mount, Screen
RoHS	Compliant
3D Support	The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.
3D Viewing	Requires ZF2100 system - Sold separately (Additional Glasses are also available)
3D Compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Speaker	10
On Screen Display	27 Languages: English, French, German, Spanish, Italian, Portuguese, Dutch, Swedish, Finnish, Greek, Danish, Norwegian, Polish, Russian, Simplified_Chinese, Traditional_Chinese, Korean, Arabic, Japanese, Thai, Hungarian, Czechoslovak, Turkish, Vietnamese, Farsi, Romanian, Indonesian
Optional Wireless	Yes
Features	Full 3D 1080p Support, Dynamic Black