

# **EH338N**

High resolution, versatile and powerful

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The Optoma EH338N is a bright 1080p projector optimized for small-to-medium rooms, like classrooms, meeting rooms and training labs. Its 4000 lumens and 50,000:1 contrast ratio produces incredible sharp and vivid images, even with moderate room light. Support for Amazing Color ensures accurate color reproduction whether the source is PC, Mac.

With built-in speaker, EH338N is able to enhance media and presentations. A 15,000-hour lamp life enables many years of use with minimal maintenance.



# Specification

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## Display/image

Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	4000 lumens
Contrast ratio	50,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9
Keystone correction - vertical	+/-40°
Horizontal scan rate	15.38 ~ 91.15Khz
Vertical scan rate	50 ~ 85Hz
Uniformity	80%
Screen size	0.71m ~ 7.65m (28" ~ 301") diagonal

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## Lamp info

Light source type	Lamp
Lamp watts	240
Lamp life hours (up to)	4000 (Bright), 15000 (Dynamic), 10000 (Eco)

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## Optical

Throw ratio	1.47:1 ~ 1.62:1
Projection distance	1m - 9.8m
Zoom	1.1
Zoom type	Manual
Focal length	15.59 ~ 17.14
Native offset	116%

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## Connectivity

Connections	Inputs 1 x HDMI 2.0, 1 x HDMI 1.4a 3D supportOutputs 1 x Audio 3.5mm, 1 x USB-A power 1.5A
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## General

Noise level (min)	26dB
Noise level (max)	28dB
PC compatibility	WUXGA,1080P,UXGA, SXGA+,SXGA ,WXGA+,WXGA,720P,XGA,SVGA,VGA NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4,43MHz SECAM
2D compatibility	B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 4K UHD (24/30/50/60Hz)
3D compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Speaker count	1
Watts per speaker	3W
In the box	AC power cordRemote controlBasic user manual
Input lag	8.40ms

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## Power

<b>Power supply</b>	100 ~ 240V, 50 ~ 60Hz
<b>Power consumption (standby)</b>	0.5W
<b>Power consumption (min)</b>	210W
<b>Power consumption (max)</b>	325W

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## Weight and dimensions

<b>Dimensions (W x D x H)</b>	316 x 243.5 x 108.5
<b>Gross weight</b>	3.87 kg
<b>Net weight</b>	2.8 kg