

ZH401e

Cost effective high brightness 1080p Full HD laser projector



The ZH401e is a hassle-free 4500 lumen Full HD 1080p DuraCore laser projectors to date featuring 2xHDI 2.0, VGA-In, RJ-45, RS232, and more. Designed for maintenance-free continuous operation, it delivers powerful image performance with flexible installation features and extensive connectivity options in a sleek, compact form factor, up to 34% smaller than previous Optoma models.¹



Geared for small to medium conference rooms, training rooms, small classrooms and general-purpose applications, the ZH401e features a 1.1x zoom for a flexible setup. For ultimate convenience it comes with an RS232 connection for monitoring and controlling and a built-in speaker.

When ZH401e RS45 is combined with Optoma's new SmartApp for Android and iOS, several features can be managed without the need for a PC. Power projector on and off, change volume, modify and set display modes, adjust keystone and four corner, and much more.

Specification



Display/image

Display technology	DLP®
Resolution	1080p Full HD (1920x1080)
Brightness	4,500 lumens
Contrast ratio	300,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9,16:10
Keystone correction - horizontal	+/-30°
Keystone correction - vertical	+/-30°
Displayable colors (millions)	1073.4
Horizontal scan rate	15 ~ 140Khz
Vertical scan rate	24 ~ 120Hz
Uniformity	75%
Screen size	30.6"~153" diagonal

Lamp info

Light source type	Laser
LASER life	30,000 hours

Optical

Throw ratio	1.48:1 - 1:62:1
Projection distance	39.37" - 393.7"
Zoom	1.1x
Zoom type	Manual
Focal length (mm)	20.91 ~ 32.62
Native offset	116%

Connectivity

Connections	2xHDMI 2.0 VGA-In Audio-In 3.5mm Audio-Out 3.5mm 2xUSB-A (Power/WiFi Adapter) RS232 RJ45 3D Sync 12V Trigger
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Specification

General

Noise level (min)	29dB
Noise level (max)	35dB
PC compatibility	FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac 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)
3D compatibility	Yes (DLP 3D; PC frame sequential 120Hz 3D, Blu-ray DVD 3D)
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
IP rating	IP6X
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
24/7 operation	Yes
360° operation	Yes
Operating conditions	0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 2,500m
Remote control	Full Size Remote
Speaker count	1
Watts per speaker	15W
In the box	AC power cord Remote control 2xAAA Batteries Quick Start Guide

Power

Power supply	External power supply, 100V ~ 240V, 50-60Hz
Power consumption (standby)	
Power consumption (min)	120W
Power consumption (max)	170W

Weight and dimensions

Dimensions (W x D x H)	10.79" x 8.5" x 4.49"
Gross weight	9.92lbs.
Net weight	6.25lbs
UPC	796435 44 835 6
Warranty	3 Year Projector parts and labor 5-year or 12,000 hour light source

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