

ZH401e

High-Value High-Brightness 1080p Full HD Laser Projector



The ZH401e is a hassle-free 4600 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	4,600 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 ~ 135Khz
Vertical scan rate	24 ~ 120Hz
Uniformity	75%
Screen size	30"~300" 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)	21.86mm ~ 24mm
Native offset	116% +/-5%

Connectivity

Connections	2x HDMI-in 2.0 VGA-In Audio-In 3.5mm Audio-Out 3.5mm 2x USB-A (Power/BT Adapter) RS232 RJ45 3D Sync 12V Trigger
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Specification

General

Noise level (min)	29dB
Noise level (max)	31dB
PC compatibility	VGA, SVGA, XGA, 720p, WXGA, SXGA, SXGA+, UXGA, 1080p, WUXGA +
2D compatibility	NTSC, PAL, SECAM, SDTV, HDTV, UHD
3D compatibility	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz.
3D	Full 3D
Security	Kensington Lock, Password protected interface
OSD / display languages	27 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Vietnamese
24/7 operation	Yes
360° operation	Yes
Operating conditions	0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,000'
Remote control	Full Size Remote
Speaker count	1
Watts per speaker	15W
In the box	AC power cord, Remote control, 2x AAA batteries, Quick start user manual

Power

Power supply	External power supply, 100V ~ 240V, 50-60Hz
Power consumption (standby)	0.5W
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	9.48 lbs.
Net weight	6.39 lbs.
UPC	796435 44 835 6

Specification