

# ZH521

Eco-friendly compact high brightness Full HD laser projector



- **Bright Full HD 1080p DuraCore laser projector - 5500 lumens and IP6X certified**
- **Compact for easy installation - 1.3x zoom, 360-degree and portrait projection**
- **Optoma Management Suite (OMSC)<sup>™</sup> - Remotely manage and control your device with real-time monitoring, and scheduling, helping to reduce downtime, streamline operations, and cut operating costs.**
- **Optoma Smart App - Streamlines device management allowing you to command, control and make image corrections all from your mobile device.**



The ZH521 is one of Optoma's most compact and hassle-free Full HD 1080p DuraCore laser projectors to date. 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.<sup>1</sup>

Compatible with Optoma Management Suite (OMSC)<sup>™</sup> and Optoma's latest SmartApp, control and manage your devices remotely with ease.

# Specifications

EAN: 5055387669628, Colour: White

<b>Display/image</b>	
Display technology	DLP®
Resolution	1080p Full HD (1920x1080)
Brightness	5,500 lumens
Contrast ratio	3,000,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9,16:10
Keystone correction - horizontal	30°
Keystone correction - vertical	30°
Displayable colours (millions)	1073.4
Horizontal scan rate	15 ~ 135Khz
Vertical scan rate	24 ~ 120Hz
Uniformity	75%
<b>Lamp info</b>	
Light source type	Laser
LASER life	30,000 hours
<b>Optical</b>	
Throw ratio	1.13:1 ~ 1.47:1
Projection distance (m)	1m - 10m
Zoom	1.3
Zoom type	Manual
Focal length (mm)	16.90 ~ 21.61
Native offset	116%
<b>Connectivity</b>	
Connections	<b>Inputs</b> 2 x HDMI 2.0, 1 x VGA, 1 x Audio 3.5mm <b>Outputs</b> 1 x Audio 3.5mm, 2 x USB-A power 1.5A <b>Control</b> 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x 3D sync
<b>General</b>	
Noise level (min)	29dB
Noise level (max)	35dB
PC compatibility	FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4.43MHz SECAM 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-r
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
Speaker count	1
Watts per speaker	15W
In the box	AC power cord Remote control 2x AA batteries Basic user manual
<b>Power</b>	
Power supply	External power supply, 100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	147W
Power consumption (max)	210W
<b>Weight and dimensions</b>	
Dimensions (W x D x H) mm	274 x 216 x 108
Gross weight	4.4 kg
Net weight	2.9 kg

