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ZH350

Ultracompact high brightness FHD 1080p laser projector



- **Bright FHD 1080p DuraCore laser projector - 3600 lumens**
- **Small form factor for easy installation - 1.1x zoom, 360-degree and portrait projection**
- **DuraCore laser technology - 30,000 hours maintenance-free laser light source**
- **Built with the environment in mind - the latest laser technology and higher power conversion efficiency**



The ZH350 is Optoma's most compact hassle free FHD 1080p DuraCore laser projector to date. Designed for maintenance-free continuous operation, it can be installed in virtually any orientation and location due to the small and lightweight footprint.

Designed with the environment in mind the ZH350 cuts power by 47% vs a typical Optoma lamp based product. Optoma have looked to minimize product design to cut logistic impacts on the environment cutting CO2 and reducing our overall carbon footprint.

Specifications

Display/image	
Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	3,600 lumens
Contrast ratio	30,000:1
Contrast ratio - dynamic	3,00,000:1
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 ~ 140Khz
Vertical scan rate	24 ~ 120Hz
Uniformity	75%
Screen size	0.76m ~ 7.62m (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	0.8m - 10m
Zoom	1.1
Zoom type	Manual
Focal length	12.81 ~ 16.74
Native offset	116%
Connectivity	
Connections	**Inputs** 2 x HDMI 2.0 **Outputs** 1 x Audio 3.5mm, 1 x USB-A power 1.5A **Control** 1 x RS232
General	
Noise level (min)	27dB
PC compatibility	UHD, WUXGA,1080P,UXGA, SXGA+,SXGA ,WXGA+,WXGA,720P,XGA,SVGA,VGA
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	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
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 3000m
Speaker count	1
Watts per speaker	15W
In the box	Power adaptor Remote control Basic user manual
Power	
Power supply	100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	89W
Power consumption (max)	140W
Weight and dimensions	
Dimensions (W x D x H)	274 x 216 x 114
Gross weight	4.2 kg
Net weight	3 kg



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