

ZH420

Eco-friendly ultra-compact high brightness Full HD laser projector





- Bright Full HD 1080p DuraCore laser projector 4300 lumens and IP6X certified
- Small form factor for easy installation 1.3x zoom, 360-degree and portrait projection
- Reduced power consumption for a long life span -DuraCore laser technology delivers 30,000 hours maintenance free laser light source
- External power supply More reliability, portability and energy efficiency



The ZH420 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.¹

An added benefit, the ZH420 features an external power supply offering more reliability, portability and energy efficiency.

Specifications

EAN: 5055387666801, Colour: White	
UPC: 796435 44 643 7, Colour: Whit	e
Display/image	
Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	4,300 lumens
Contrast ratio	300,000:1
Contrast ratio - dynamic	2,000,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9,16:10
Keystone correction -	+/-30°
horizontal	
Keystone correction - vertical	+/-30°
Displayable colours (millions)	1073.4
Horizontal scan rate	15 ~ 140Khz
Vertical scan rate	24 ~ 120Hz
Uniformity	75%
Screen size	0.79m ~ 8.18m (31" ~ 322") diagonal
Lamp info	Strolline Strollin (Stree SZZ) diagonal
Light source type	Laser
LASER life	30,000 hours
Optical	
Throw ratio	1.12:1 ~ 1.47:1
Projection distance (m)	1m - 8m
Zoom	1.3
Zoom type	Manual
Focal length (mm)	16.9 ~ 21.61
Native offset	116%
Connectivity	
Connections	Inputs 2 × HDMI 2.0
	Outputs 1 x Audio 3.5mm, 1 x USB-A power 1.5A
	Control 1 x RS232, 1 x RJ45
General	
Noise level (typical)	29dB
Noise level (max)	31dB
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-ray DVD 3D)
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
IP rating	IP6X
IP rating OSD / display languages	IP6X 25 languages: Arabic, Czech, Danish, Dutch, English, Farsi,
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