

ZH403

Compact, lightweight and virtually maintenance free



- **4,000 ANSI lumens with 300,000:1 contrast ratio**
- **4K UHD input with HDMI 2.0 (HDCP 2.2)**
- **DuraCore maintenance-free laser light source up to 30,000 hours**
- **1.3x optical zoom and vertical keystone**

Brighten any room with razor-sharp, 4,000 lumen, 1080p projection with the remarkable Optoma ZH403. A laser light source eliminates lamp and filter replacements for up to 30,000 hours of low-cost and virtually maintenance-free operation.



Specifications

Display/image	
Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	4,000 lumens
Contrast ratio	300,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - vertical	+/-40°
Has vertical auto keystone correction	Yes
Displayable colors (millions)	1073.4
Horizontal scan rate	15.375 ~ 91.146 KHz
Vertical scan rate	50 ~ 85 Hz (120Hz for 3D)Hz
Uniformity	85%
Screen size	28" ~ 300.3" diagonal
Lamp info	
Light source type	Laser
LASER life	30,000 hours
Optical	
Throw ratio	1.21:1 ~ 1.59:1
Projection distance	39.37" - 311.02"
Zoom	1.3
Zoom type	Manual
Focal length (mm)	12.81mm~16.74mm/0.504"~0.659"
Native offset	110%
Connectivity	
Connections	Inputs 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm Outputs 1 x Audio 3.5mm, 1 x USB-A power 1.5A Control 1 x RS232, 1 x RJ45, 1 x micro USB service
General	
Noise level (typical)	30dB
Noise level (max)	32dB
PC compatibility	UHD, 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	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
Operating conditions	5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85%
Remote control	Data remote with laser and mouse function
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
Optional wireless models	HDCast Pro
Networking	
LAN - control	Yes
Power	
Power supply	100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	206W
Power consumption (max)	269W
Weight and dimensions	
Dimensions (W x D x H)	13.27" x 10.43" x 4.82"
Gross weight	14.55 lbs
Net weight	9.92 lbs

