ZK450

Eco-friendly compact high brightness 4K UHD laser projector







- True 4K UHD resolution and laser technology 4200 lumens, HDR and HLG compatible
- Small form factor for easy installation 1.6x 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 ZK450 is one of Optoma's most compact and hassle-free 4K UHD 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 ZK450 features an external power supply offering more reliability, portability and energy efficiency.

Specifications

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Display/image	
Display technology	DLPTM
Resolution	UHD (3840x2160)
Brightness	4,200 lumens
Contrast ratio	300,000:1
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 ~ 240Hz
Uniformity	80%
Screen size	0.66m ~ 7.7m (26" ~ 303") diagonal
Lamp info	
Light source type	Laser
LASER life	30,000 hours
Optical	
Throw ratio	1.4:1 ~ 2.24:1
Projection distance (m)	1.3m - 9.4m
Zoom	1.6
Zoom type	Manual
Focal length (mm)	20.91 ~ 32.62
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, 1 x RJ45
	Control 1 X H3232, 1 X H343
General	
Noise level (min)	28dB
Noise level (max)	35dB
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	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
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 10,00ft
Remote control	Card style
Speaker count	1
Watts per speaker	15W
In the box	AC power cord
	Remote control with 1x CR2025 Battery
	Basic user manual
Optional wireless models	
	Basic user manual
Power	Basic user manual
Power Power supply	Basic user manual UHDCast Pro
Power Power supply Power consumption (standby)	Basic user manual UHDCast Pro External power supply, 100V ~ 240V, 50-60Hz
Optional wireless models Power Power supply Power consumption (standby) Power consumption (min) Power consumption (max)	Basic user manual UHDCast Pro External power supply, 100V ~ 240V, 50-60Hz <0.5W
Power Power supply Power consumption (standby) Power consumption (min)	Basic user manual UHDCast Pro External power supply, 100V ~ 240V, 50-60Hz <0.5W 126W
Power Power supply Power consumption (standby) Power consumption (min) Power consumption (max)	Basic user manual UHDCast Pro External power supply, 100V ~ 240V, 50-60Hz <0.5W 126W
Power Power supply Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions	Basic user manual UHDCast Pro External power supply, 100V ~ 240V, 50-60Hz <0.5W 126W 185W





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