OPZ45HDST

Optoma

Full HD 1080p | **LASER** | **Eco⁺**

COMPACT HIGH BRIGHTNESS FULL HD 1080p PROJECTOR

- **Bright FHD 1080p DuraCore laser projector - 4,200 lumens and IP6X certified**

- **Small form factor & short throw lens for easy installation - 360-degree and portrait projection**

- **DuraCore laser technology - 30,000 hours maintenance-free laser light source**

- **Built with the environment in mind - Long laser life span, incorporating Post consumer recycled material**

The OPZ45HDST 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 OPZ45HDST 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.

The OPZ45HDST is also the first in a line of product from Optoma to look to use Post-Consumer Recycled material within the product itself.

Specifications

The following specifications are preliminary and subject to change without notice

Display/image

Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	4,200 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 - horizontal	+/-30°
Keystone correction - vertical	+/-30°
Has vertical auto keystone correction	Yes
Displayable colours (millions)	1073.4
Horizontal scan rate	15 ~ 140Khz
Vertical scan rate	24 ~ 120Hz
Uniformity	75%
Screen size	0.91m ~ 7.42m (36" ~ 292") diagonal

Lamp info

Light source type	Laser
LASER life	30,000 hours

Optical

Throw ratio	0.496:1
Projection distance	0.78m - 1.13m / 30.71" - 44.49"
Zoom type	Manual
Focal length	7.51
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

General

Noise level (typical)	32dB
Noise level (max)	34dB
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)ver-Under: 1080p24, 720p50 / 60
3D	3D ready
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
Remote control	Card style
Speaker count	1
Watts per speaker	15W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
Optional wireless models	QuickCast Pro 4K KIT

Power

Power supply	100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	119W
Power consumption (max)	173W

Weight and dimensions

Dimensions (W x D x H)	274 x 216 x 114 mm / 10.79" x 8.5" x 4.49"
Gross weight	4.2 kg / 9.26 lbs
Net weight	3 kg / 6.61 lbs
UPC	796435 44 757 1