Optoma

ZH500UST
High brightness 1080p ultra short throw laser projector

3D | AUTO OFF

- **Bright Full HD 1080p laser projector - 5000 lumens**

- **Ultra short throw lens - 100" image from less than half a metre away**

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

- **Dust resistant – Independently tested, IP5X certification for total reliability**

The ZH500UST is powered by long-lasting, low maintenance DuraCore laser light source. The lamp-less and filter-free design vastly reduces running costs for a low total cost of ownership.

Weighing only 5.6kg, this projector can be mounted just centimetres away from a wall or surface and can project an image size of over 100 inches (254cm).

Supporting 24/7 operation and versatile orientation, the ZH500UST is a flexible, powerful and bright ultra short throw projector which makes for a superb signage solution where space or accessibility can be limited, such as shop windows or retail displays.

Specifications

Display/image

Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	5,000 lumens
Contrast ratio	100,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - horizontal	+/-15°
Keystone correction - vertical	+/-15°
Horizontal scan rate	15.3 ~ 91.1Khz
Vertical scan rate	24 ~ 85(120 for 3D)Hz
Uniformity	85%
Screen size	2.29m ~ 3.05m (90" ~ 120") (diagonal)

Lamp info

Light source type	Laser
LASER life	30,000 hours

Optical

Throw ratio	0.25:1
Projection distance (m)	0.27m - 0.32m
Zoom type	Fixed
Focal length (mm)	3.70
Native offset	120%

Connectivity

Connections	**Inputs** 2 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm, 1 x Audio RCA L&R, 1 x Mic 3.5mm
	Outputs 1 x VGA shared with VGA2, 1 x Audio 3.5mm
	Control 1 x USB-A reader, 1 x RS232, 1 x RJ45, 1 x mini USB service, 1 x USB-A wireless

General

Noise level (typical)	33dB
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	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
OSD / display languages	18 languages: Arabic, Danish, Dutch, English, Finnish, French, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional), Turkish
24/7 operation	Yes
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Backlit ProAV remote
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual

Networking

LAN - control	Yes
LAN	Yes

Power

Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	250W
Power consumption (max)	400W

Weight and dimensions

Net weight	5.7kg
Dimensions (W x D x H) mm	383 x 318 x 111