Optoma

ZH500UST
High brightness 1080p ultra short throw laser projector

24/7 · 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
IP rating	IP5x
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
Heat dissipation	1.608BTU/hour
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, QuickCast Bundle, QuickCast starter kit, WHD200, WUSB

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