Optoma

ZH420UST
Superb for signage

3D | **AUTO OFF** | **UST**

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- **Up to 30,000 hours laser light source**

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

- **4000 lumens 1080p ultra short throw projector**

- **Versatile installation - Portrait and downward projection**

The ZH420UST is powered by a long-lasting, low maintenance DuraCore laser light source. The lamp-less design vastly reduces running costs for a low total cost of ownership.

Weighing only 5.5kg, 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 ZH420UST 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, museums or retail displays.

Specifications

Display/image

Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	4,000 lumens
Contrast ratio	100,000:1
ANSI contrast ratio	1,800
Contrast ratio - full on/off	100,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9,16:10
Keystone correction - horizontal	+/-30°
Keystone correction - vertical	+/-30°
Uniformity	85%
Screen size	2.21m ~ 2.59m (87" ~ 102") diagonal

Lamp info

Light source type	Laser
LASER life	30,000 hours

Optical

Throw ratio	0.25:1
Projection distance (m)	0.46m - 0.55m
Zoom type	Fixed
Focal length (mm)	3.72mm
Native offset	120%

Connectivity

Connections	**Inputs** 1 x VGA, 2 x HDMI, 1 x Audio 3.5mm, 1 x Mic 3.5mm, 1 x HDBaseT, 1 x RJ45
	Outputs 1 x VGA, 1 x Audio 3.5mm
	Control 1 x RS232, 1 x mini USB service

General

Noise level (typical)	32dB
PC compatibility	UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
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
IP rating	IP5X
OSD / display languages	1 languages:
24/7 operation	Yes
Remote control	Wired backlit PRO AV remote
Heat dissipation	1,314BTU/hour
Speaker count	1
Watts per speaker	10W
In the box	HDMI Cable, IR Remote Control, AAA Batteries x 2, Power Cord, Documentation
Optional wireless models	QuickCast Bundle, QuickCast starter kit, WHD200

Networking

LAN - control	Yes
LAN	Yes

Power

Power supply	AC 90 – 264V 50/60 Hz
Power consumption (standby)	0.5W
Power consumption (min)	225W
Power consumption (max)	335W

Weight and dimensions

Net weight	5.5kg
Dimensions (W x D x H) mm	382 x 310 x 124