Optoma

HD31UST
1080p ultra short throw home entertainment projector

3D | UST

- **Lights on viewing - bright 3400 lumens**

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

- **Enjoy live sports, TV shows and gaming in Full HD 1080p**

- **Easy to setup – horizontal and vertical keystone and four corner adjustment**

Experience a super-sized 100-inch image with this ultra short throw projector placed just 30cm away from a wall or screen. Perfect for live sports, TV shows, films and gaming with it's bright, razor sharp images with optimum colour performance even with the lights on.

Specifications

Display/image

Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	3,400 lumens
Contrast ratio	28,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9
Keystone correction - horizontal	+/-4°
Keystone correction - vertical	+/-4°
Horizontal scan rate	15.375 ~ 91.147Khz
Vertical scan rate	24 ~ 85(120 for 3D)Hz
Uniformity	80%
Screen size	2.03m ~ 2.54m (80" ~ 100") (diagonal)

Lamp info

Light source type	Lamp
Lamp watts	240
Lamp life (hours)	4000 (Bright), 12000 (Dynamic), 10000 (Eco), 15000 (Eco+)

Optical

Throw ratio	0.25:1
Projection distance (m)	0.45m - 0.56m
Zoom type	Fixed
Focal length (mm)	3.72
Native offset	118%

Connectivity

Connections	**Inputs** 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm, 2 x USB-A reader/wireless
	Outputs 1 x VGA, 1 x Audio 3.5mm
	Control 1 x RS232, 1 x RJ45

General

Noise level (typical)	26dB
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	25 languages: Arabic,Czech,Danish,Dutch,English,Farsi,Finnish,French,German,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian, (simplified),Spanish,Swedish,Chinese (traditional),Turkish,Vietnamese
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Data remote with laser and mouse function
Speaker count	1
Watts per speaker	16W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual

Networking

LAN - control	Yes
LAN - display	Yes

Power

Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	200W
Power consumption (max)	275W

Weight and dimensions

Net weight	3.9kg
Dimensions (W x D x H) mm	343 x 383 x 112