Optoma

HD31UST
1080p ultra short throw home entertainment projector

- **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.

An integrated speaker provides great sound and two HDMI inputs enables an easy setup. You can even turn it into a smart projector by connecting a HDMI dongle like the Google Chromecast™, Amazon Fire Stick or Apple TV™ to play games, stream videos and share photos on the big screen in the comfort of your own home.

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 (80in - 100in)(Diagonal)

Lamp info

Light source	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, Russian, Chinese (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 (max)	275W

Weight and dimensions

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