

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, near sharp images with optimum colour performance even with the lights on.



## Specifications

<b>Display/Image</b>	
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	±1.4°
Keystone correction - vertical	±1.4°
Horizontal scan rate	15,375 - 95,147Hz
Vertical scan rate	24 - 85,120 for 30Hz
Uniformity	95%
Screen size	2.05m - 2.54m (80" - 100" diagonal)

<b>Lamp Info</b>	
Lamp source type	Lamp
Lamp watts	240
Lamp life (hours)	6000 (Bright), 12000 (Dimmed), 15000 (Eco), 18000 (Power)

<b>Optical</b>	
Throw ratio	0.25:1
Projection distance (m)	0.43m - 0.99m
Zoom type	Fixed
Focal length (mm)	3.72
Native offset	± 95%

<b>Connectivity</b>	
<b>Connections</b>	
<b>Inputs</b>	1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/PCB), 1 x Composite video, 1 x Audio 3.5mm, 2 x USB-A (wired/wireless)
<b>Outputs</b>	1 x VGA, 1 x Audio 3.5mm
<b>Control</b>	1 x RS232, 1 x RJ45

<b>General</b>	
Native level (degrees)	26.0
PC compatibility	1103 (VGA, SVGA, WXGA, HD, 904, SVGA, VGA, Mac)
3D compatibility	MPEG-2, 3.0MHz, 4.0MHz PAL, DVI-D/H/1/1M/L, 4.4MHz, 520MHz DVI-D/H/1/1/L, 4.254-MHz, 480i, 576i, 720p/50/59Hz, 1080i/50/59Hz, 1080p/50/59Hz
3D compatibility	Side-by-Side 1080i/50/59, 720p/50/59 Frame-pack, 1080p/24, 720p/50/59 Over-Under, 1080p/24, 720p/50/59 Full-3D

<b>3D</b>	
Security	Security (w/ Kensington Lock), Password protected interface
OSD / display languages	32 languages: Arabic, Czech, Danish, Dutch, English, French, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Simplified, Spanish, Swedish, Chinese, Traditional, Turkish, Vietnamese

<b>Operating conditions</b>	
Remote control	IR
Speaker count	1
Watts per speaker	18W
In the box	AC power cord Remote control 3x AAA batteries User manual

<b>Networking</b>	
LAN - control	Yes
LAN - display	Yes

<b>Power</b>	
Power supply	100 - 240V, 50 - 60Hz
Power consumption (standby)	0.5W
Power consumption (mode)	260W
Power consumption (max)	270W

<b>Weight and dimensions</b>	
Net weight	3.9kg
Dimensions (W x D x H) mm	345 x 383 x 112

