Optoma

# HZ40UST
Laser 1080p ultra short throw projector

3D

AUTO OFF



- **Bright Full HD 1080p laser projector - 4000 ANSI Lumens**

- **Super-sized 100-inch images from only 30cm away from a flat surface or screen**

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

- **Easy to setup – multiple connectivity for digital devices and great sound from integrated speakers**

Experience a super-sized 100-inch image with the HZ40UST placed less than 30cm away from a flat surface or screen. Laser technology provides accurate, true to life colour reproduction for movies, gaming and live sports. And with high brightness and low latency it is great for playing action-packed games in any room.

# Specifications

### Display/image
| | |
|---|---|
| Display technology | DLP |
| Resolution | 1080p Full HD (1920x1080) |
| Brightness | 4,000 lumens |
| Contrast ratio | 2,500,000:1 |
| Native aspect ratio | 16:9 |
| Aspect ratio - compatible | 4:3,16:9 |
| Keystone correction - vertical | +/-15° |
| Horizontal scan rate | 15.3 ~ 91.1Khz |
| Vertical scan rate | 24 ~ 85(120 for 3D)Hz |
| Uniformity | 80% |
| 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) | 0.45m - 0.59m |
| Zoom type | Fixed |
| Focal length (mm) | 3.72 |
| Native offset | 120% |

### Connectivity
| | |
|---|---|
| Connections | **Inputs** 2 x HDMI 1.4a 3D support, 2 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm, 1 x Audio RCA L&R |
| | **Outputs** 1 x VGA shared with VGA2, 1 x Audio 3.5mm, 1 x USB-A power 2A |
| | **Control** 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x mini USB service, 1 x USB-A reader/wireless |

### General
| | |
|---|---|
| Noise level (typical) | 30dB |
| 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 | 18 languages: Arabic, Danish, Dutch, English, Finnish, French, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional), Turkish |
| Operating conditions | 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m |
| Remote control | Yes |
| Speaker count | 1 |
| Watts per speaker | 10W |
| In the box | AC power cord |
| | Remote control |
| | 2x AAA batteries |
| | Basic user manual |

### Networking
| | |
|---|---|
| LAN - control | Yes |

### Power
| | |
|---|---|
| Power supply | 100 ~ 240V, 50 ~ 60Hz |
| Power consumption (standby) | 0.5W |
| Power consumption (min) | 210W |
| Power consumption (max) | 330W |

### Weight and dimensions
| | |
|---|---|
| Net weight | 5.6kg |
| Dimensions (W x D x H) mm | 382 x 310 x 124 |