

EH319USTi

1080p Ultra Short Throw Interactive Projector



- **TouchBeam finger touch interactive**
- **Bright Full HD 1080p projector - 3500 ANSI lumens**
- **Ultra short throw lens - 100" image from less than half a metre away**
- **Ultimate Control - Crestron, Extron, AMX, PJ-Link and Telnet LAN commands**

Optoma's 1080p ultra short throw interactive projector, the EH319USTi, is perfect for businesses, schools and colleges. It is bright (3500 lumens) and uses a new generation of TouchBeam finger-touch interactive technology, enabling several people to work simultaneously on the screen without using a pen. The throw ratio of 0.25:1 means that it can project a 100" image from just 55cm away. And having the projector installed so close to the screen avoids any shadows being cast across the screen from the presenter(s).



Specifications

| | |
|--------------------------------|---|
| Display/image | |
| Display technology | DLP |
| Resolution | 1080p Full HD (1920x1080) |
| Brightness | 3,500 lumens |
| Contrast ratio | 18,000:1 |
| Native aspect ratio | 16:9 |
| Aspect ratio - compatible | 4:3 |
| Keystone correction - vertical | +/-5° |
| Horizontal scan rate | 15.3 ~ 91.1Khz |
| Vertical scan rate | 24 ~ 85(120 for 3D)Hz |
| Uniformity | 85% |
| Screen size | 2.03m ~ 2.54m (80" ~ 100") diagonal |
| Lamp info | |
| Light source type | Lamp |
| Lamp watts | 260 |
| Lamp life hours (up to) | 3000 (Bright), 5000 (Dynamic), 5000 (Eco), 6500 (Eco+), 10000 (Education) |
| Lamp life (education) | 10,000 hours |
| Optical | |
| Throw ratio | 0.25:1 |
| Projection distance (m) | 0.45m - 0.59m |
| Zoom type | Fixed |
| Focal length (mm) | 3.72 |
| Native offset | 118% |
| Connectivity | |
| Connections | <p>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</p> <p>Outputs 1 x VGA shared with VGA2, 1 x Audio 3.5mm, 1 x USB-A power 2A</p> <p>Control 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x mini USB mouse/service, 1 x 3D sync</p> |
| General | |
| Noise level (typical) | 28dB |
| 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 | 24 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish |
| Operating conditions | 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m |
| Remote control | Data remote with laser and mouse function |
| Interactive | TouchBeam |
| Speaker count | 1 |
| Watts per speaker | 16W |
| In the box | AC power cord Remote control 2x AAA batteries Basic user manual TouchBeam module Interactive cable 5m USB cable 2x passive pens |
| Optional wireless models | HDcast Pro, QuickCast Bundle, QuickCast starter kit, WHD200 |
| Networking | |
| LAN - control | Yes |
| Power | |
| Power supply | 100 ~ 240V, 50 ~ 60Hz |
| Power consumption (standby) | 0.5W |
| Power consumption (min) | 200W |
| Power consumption (max) | 235W |
| Weight and dimensions | |
| Net weight | 4.85kg |
| Dimensions (W x D x H) mm | 385 x 310 x 120 |

