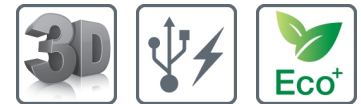


H190X

Big screen entertainment, bright HD ready projector



- **Lights on viewing – 3,900 ANSI lumens**
- **Easy connectivity – HDMI, VGA, USB Power**
- **Clear, powerful audio - 10W speaker**
- **Lightweight and portable**

Project stunning images at any time of the day with the bright, 3,900 lumens, HD compatible, Optoma H190X. Feel the action and experience every moment on the big screen for immersive live sports, gaming and movies.



Specifications

| | |
|--------------------------------|--|
| Display/image | |
| Display technology | DLP |
| Resolution | WXGA (1280x800) |
| Brightness | 3,900 lumens |
| Contrast ratio | 30,000:1 |
| Native aspect ratio | 16:10 |
| Aspect ratio - compatible | 4:3, 16:9 |
| Keystone correction - vertical | +/-40° |
| Horizontal scan rate | 15.38 ~ 91.15KHz |
| Vertical scan rate | 50 ~ 85(120 for 3D)Hz |
| Uniformity | 75% |
| Screen size | 32.24" ~ 299.53" diagonal |
| Lamp info | |
| Light source type | Lamp |
| Lamp watts | 203 |
| Lamp life hours (up to) | 6000 (Bright), 12000 (Dynamic), 10000 (Eco), 15000 (Eco+) |
| Optical | |
| Throw ratio | 1.55:1 ~ 1.73:1 |
| Projection distance | 39.37" - 472.44" |
| Zoom | 1.1 |
| Zoom type | Manual |
| Focal length (mm) | 21.85 mm~24mm/0.86"~0.945" |
| Native offset | 112% |
| Connectivity | |
| Connections | <p>Inputs 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm</p> <p>Outputs 1 x VGA, 1 x Audio 3.5mm, 1 x USB-A power 1A</p> <p>Control 1 x RS232</p> |
| General | |
| Noise level (typical) | 27dB |
| Noise level (max) | 29dB |
| PC compatibility | FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac 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) |
| 2D compatibility | Side-by-Side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 |
| 3D compatibility | Full 3D |
| 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/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% |
| Remote control | Card style |
| Speaker count | 1 |
| Watts per speaker | 10W |
| In the box | AC power cord Remote control Battery Basic user manual |
| Optional wireless models | WHD200 |
| Power | |
| Power supply | 100 ~ 240V, 50 ~ 60Hz |
| Power consumption (standby) | 0.5W |
| Power consumption (min) | 187W |
| Power consumption (max) | 225W |
| Weight and dimensions | |
| Dimensions (W x D x H) | 12.44" x 9.61" x 4.25" |
| Gross weight | 9.7 lbs |
| Net weight | 6.61 lbs |

