

4K550

True to life detail - 4K Ultra HD projector



- **4K UHD resolution with HDR10**
- **Bright 5000 lumens**
- **1.6 x zoom**
- **15% vertical lens shift**

Bring the benefits of high brightness Ultra HD to your projection installation. The Optoma 4K550 delivers impressive 4K UHD images at an amazing 5000 lumens. These high-end specifications along with true to life colour reproduction capabilities bring life and clarity to any presentation.

Specifications

| | |
|------------------------------|---|
| Display/image | |
| Display technology | DLP |
| Resolution | UHD (3840x2160) |
| Brightness | 5,000 lumens |
| Brightness (eco) | 3,000 lumens |
| ANSI brightness | 5,000 lumens |
| Contrast ratio | 10,000:1 |
| Contrast ratio - dynamic | 6,000:1 |
| Native aspect ratio | 16:9 |
| Aspect ratio - compatible | 4:3,16:9 |
| Horizontal scan rate | 31 ~ 135Khz |
| Vertical scan rate | 24 ~ 120Hz |
| Uniformity | 75% |
| Screen size | 0.67m ~ 7.68m (26.45" ~ 302.2") (diagonal) |
| Lamp info | |
| Light source type | Lamp |
| Lamp watts | 330 |
| Lamp life (hours) | 3000 (Bright), 5000 (Dynamic), 4000 (Eco), 5000 (Eco+) |
| Optical | |
| Throw ratio | 1.39:1 - 2.22:1 |
| Projection distance (m) | 1.3m - 9.3m |
| Zoom | 1.6 |
| Zoom type | Manual |
| Focal length (mm) | 20.91 - 32.62 |
| Lens shift | Vertical +15% |
| Native offset | 100% |
| Lens shift | Yes - {{downloads_link}} |
| Connectivity | |
| Connections | Inputs 1 x HDMI, 1 x HDMI/MHL, 1 x VGA, 1 x Mic 3.5mm, 1 x Audio 3.5mm, 1 x USB-A power 1.5A, 1 x USB-A service, 1 x RJ45, 1 x 12V trigger, 1 x RS232 Outputs 1 x Audio 3.5mm, 1 x S/PDIF, 2 x Speaker |
| General | |
| Noise level (typical) | 32dB |
| PC compatibility | UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac |
| 2D compatibility | 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz) |
| 3D compatibility | 120Hz Frame Sequential (Max. 1920x1080 120Hz) |
| 3D | 3D ready |
| Security | Security bar,Kensington Lock,Password protected interface |
| OSD / display languages | 10 languages: English,French,German,Italian,Japanese,Portuguese,Russian,Chinese (simplified),Spanish |
| Operating conditions | 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m |
| Remote control | Data remote with laser and mouse function |
| Speaker count | 2 |
| Watts per speaker | 5W |
| In the box | AC power cord Remote control 2x AAA batteries Quick Start Guide |
| Networking | |
| LAN - control | Yes |
| Power | |
| Power supply | 100 ~ 240V, 50 ~ 60Hz |
| Power consumption (standby) | 0.5W |
| Power consumption (min) | 249W |
| Power consumption (max) | 335W |
| Weight and dimensions | |
| Net weight | 5.8kg |
| Dimensions (W x D x H) mm | 392 x 281 x 129 |