optomaeurope.com

# 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 (up to)** | 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)** | 20.91mm~32.62mm/0.823"~1.284" |
| **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<br>**Outputs** 1 x Audio 3.5mm, 1 x S/PDIF, 2 x Speaker |
| **General** | |
| **Noise level (typical)** | 32dB |
| **Noise level (max)** | 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, PC only) |
| **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/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% |
| **Remote control** | Data remote with laser and mouse function |
| **Speaker count** | 2 |
| **Watts per speaker** | 5W |
| **In the box** | AC power cord<br>Remote control<br>2x AAA batteries<br>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** | |
| **Dimensions (W x D x H) mm** | 392 x 281 x 129 |
| **Gross weight** | 7.4 kg |
| **Net weight** | 5.8 kg |

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