

# 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

<b>Display/image</b>	
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)
<b>Lamp info</b>	
Light source type	Lamp
Lamp watts	330
Lamp life (hours)	3000 (Bright), 5000 (Dynamic), 4000 (Eco), 5000 (Eco+)
<b>Optical</b>	
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 - <a href="#">{{downloads_link}}</a>
<b>Connectivity</b>	
Connections	<b>Inputs</b> 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 <b>Outputs</b> 1 x Audio 3.5mm, 1 x S/PDIF, 2 x Speaker
<b>General</b>	
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
<b>Networking</b>	
LAN - control	Yes
<b>Power</b>	
Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	249W
Power consumption (max)	335W
<b>Weight and dimensions</b>	
Net weight	5.8kg
Dimensions (W x D x H) mm	392 x 281 x 129