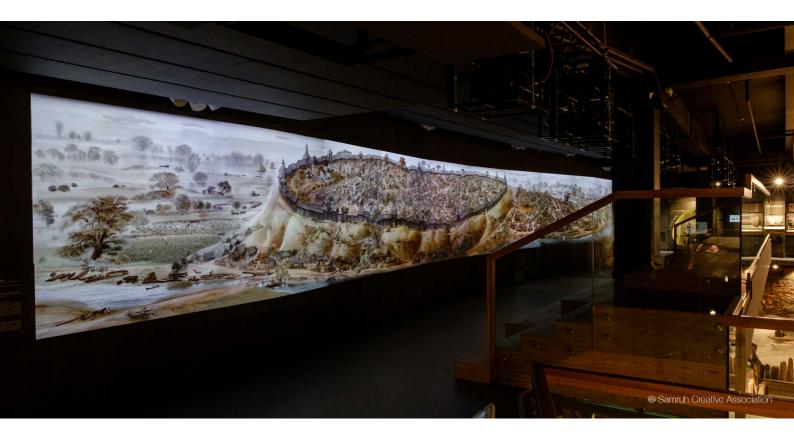# 4K550
True to life detail - 4K Ultra HD projector

- **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

EAN: 5055387660908, Colour: White

Display/image

Display technology	DLP™
Resolution	UHD (3840x2160)
Brightness	5,000 lumens
Brightness (eco)	3,000 lumens
ANSI brightness	5,000
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
	Outputs 1 x Audio 3.5mm, 1 x S/PDIF, 2 x Speaker

General

Noise level (typical)	32dB
Noise level (max)	34dB
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	9 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
	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

Dimensions (W x D x H) mm	392 x 281 x 129
Gross weight	7.14 kg
Net weight	6.07 kg