

# GT5500

# 1080p Ultra Short Throw Projector

- Lights on viewing - bright 3500 lumens
- Super-sized 100-inch images - GT5500 placed 30cm away from a flat surface or screen
- Enjoy live sports, TV shows and gaming in Full 1080p
- Easy to setup – multiple connectivity for digital devices and great sound from integrated speakers



# GT5500

Super-sized 100-inch images from 30cm

Experience a super-sized 100-inch image with the GT5500 placed less than 30cm away from a flat surface\* or screen. Live sports are not to be missed on this Full 1080p projector, whilst watching films is the closest thing you'll get to the cinema in your own home. And with high brightness and low latency it is great for playing action-packed games in any room.

An integrated speaker provides you with great sound and two HDMI inputs enables an easy setup. You can even turn it into a smart projector by connecting a HDMI dongle like the HDCast Pro, Google Chromecast™ or Apple TV™ to play games, stream videos and share photos on the big screen in the comfort of your own home.

\*Like all Ultra short projectors; to get a perfect image requires a completely flat surface. As most walls are not entirely flat, to avoid slight distortion to the top of the picture, you may need to install a screen onto your projection surface for a perfect image. If this is not possible, we suggest that for non-flat walls you might be better to use a short throw projector which can throw a 100" image from just over 1m".

## Ultra short throw



With an ultra-short throw lens, you can project an impressive 100" image from just 30cm away from a flat surface or screen. This allows you to place the projector closer to the wall and removes the need for lengthy cables, simplifies setup and reduces installation time.

## Full HD 1080p

1080p resolution gives you sharp and detailed images from HD content without downscaling or compression; perfect for watching Blu-ray movies, HD broadcasting and playing video games.



## High Contrast

Add more depth to your image with a high contrast projector; with brighter whites and ultra-rich blacks, images come alive and text appears crisp and clear - ideal for business and education applications.

## Full 3D

Optoma projectors can display true 3D content from almost any 3D source, including 3D Blu-ray players, 3D broadcasting and the latest generation games consoles. Support for 144Hz rapid refresh rate provides ultra-smooth flicker free images.



## Integrated Speaker

Complete your home entertainment experience with the convenience of a powerful built-in speaker. Built-in speakers provide exceptional sound quality and are easy to set up without the need for costly external speakers.

## Eco+



**Eco+ technology brings together high contrast, improved lamp life and energy saving features that are easy to use while reducing power consumption.**

## Energy Saving

Using the specially designed lamp modes, you can reduce the power consumption by up to 70%. Each mode also has a positive effect on the lamp life, while lowering the total cost of ownership and reducing maintenance.

## Quick Resume

This feature allows the projector to be instantly powered on again, if it is accidentally switched off.

## Auto Power Off

There may be instances when the projector is left running when not in use. To help save energy, the "Auto Power Off" feature automatically turns off the projector after a set period of time if it is not being used.

## Smart Projector

Turn your projector into a smart display by connecting the HDCast Pro (sold separately) and stream videos, music and share photos on the big screen using your smartphone or tablet.



## Long Lamp Life

The expected lifetime of a typical Optoma projector lamp is an impressive 6500 hours; so if you watch a two hour movie every day, the lamp should last for almost 9 years.

## 24p

Most movies are shot at 24 frames per second (fps). To preserve the purity of the original image, Optoma projectors can accept high definition sources at 24 fps to display movies exactly as the director intended.

## Networking and Control

Featuring a wide range of options you can remotely control and monitor the projector.

## Colour Guarantee

Enjoy dazzling colours for years to come; guaranteed by Optoma for five years' consistent performance.



## Amazing Colour

Watch your movies, TV shows and play games with stunning colours in any environment. Optoma projectors provides you with reliable performance suitable for any content and environment. Our home projectors are capable of reproducing the Rec.709 colour gamut, the international HDTV standard to guarantee accurate reproduction of cinematic colour exactly as the director intended. Or more saturated colours for a punchy looking image, great for gaming and animated movies.



## Wireless

Stream Full 1080p 3D content to your projector wirelessly; eliminating the hassle and extra cost of installing long cables, the WHD200 (sold separately) allows you to connect a Blu-ray™ player, set-top box, gaming console or AV receiver instantly.



## USB Power

Use the USB-Power to power an HDMI dongle, such as Google Chromecast or the Optoma WHD200 wireless HDMI device.

## GT5500 Specification

Display Technology	Single 0.65" DarkChip 3 1080p DLP® Technology by Texas Instruments
Native Resolution	1080p 1920 x 1080
Brightness <sup>1</sup> (Bright Mode)	3500 ANSI Lumens
Contrast	25,000:1
Lamp Life <sup>2</sup> Eco+/Dynamic/Eco/Bright	6500/5000/5000/3000 (hrs)
Throw Ratio	0.25:1
Zoom Type	Fixed
I/O Connectors	2 x HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out (Shared with VGA2), RJ45, RS232, USB remote mouse/service, 12V trigger, Mic In, USB-A Power, 3D-Sync
Speaker	16
Keystone Correction	± 20° Vertical
Weight (kg)	4.78
Dimensions (W x D x H) (mm)	385 x 310 x 120
Aspect Ratio	16:9 Native, 4:3 Compatible
Offset	118%
Projection Screen Size	2.03 – 2.54m (80" – 100") Diagonal 16:9
Projection Distance	0.45 - 0.59m
Projection Lens	F/2.4; f=3.72mm, Fixed Zoom
Uniformity	85%
Computer Compatibility	UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
Video Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
3D Support	Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.
3D Compatibility	Side-by-Side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Input Lag (ms)	33
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz (120Hz for 3D)
Displayable Colours	1.07 Billion
Noise Level (Eco mode)	28dB
Power Supply	100-240V, 50-60Hz
Power Consumption	310W Bright mode / 260W Eco mode (< 0.5W Standby)
Lamp Type	260W
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Security	Security bar, Kensington lock, password protection
On Screen Display	25 Languages: English, German, French, Italian, Spanish, Portuguese, Swedish, Dutch, Norwegian/Danish, Polish, Russian, Finnish, Greek, Hungarian, Czech, Arabic, Traditional Chinese, Simplified Chinese, Japanese, Korean, Thai, Turkish, Farsi, Romanian, Slovenian
Standard Accessories	AC power cord, VGA cable, remote control, battery, quick start card, CD user manual
Optional Accessories	3D glasses, wireless
Optional Wireless	Yes
Warranty	2
RoHS	Compliant



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<sup>1</sup>Lamp based projectors brightness and lifetime will vary depending on selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. LED projectors do not have a replaceable lamp and the brightness does not decay significantly over the product lifetime.

<sup>2</sup>Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions

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