

EH504

Bright and versatile

- Horizontal keystone and four corner adjustment
- 5000 lumens, Full HD 1080p resolution
- Ultimate Control - Crestron, Extron, AMX, PJ-Link and Telnet LAN commands
- Installation flexibility – Vertical lens shift and 1.6x zoom

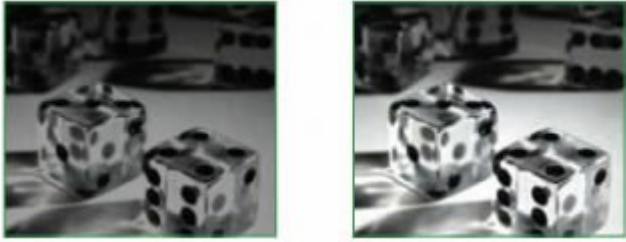


EH504

Delivering Full HD image quality, the EH504 is ideal for conference rooms, large classrooms, lecture theatres, museums and houses of worship. This large venue projector boasts a brightness of 5000 lumens and features multiple digital connection options, with two HDMI inputs on rear and one hidden HDMI for the optional HDCast Pro dongle. For more complex installations, this projector is equipped with a large zoom range, vertical lens shift and a built-in geometric adjustment feature - ideal for uneven walls or where a projector placement is awkward and needs to be installed at an angle.

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.



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.



Integrated speaker

The built-in speaker offers excellent audio support. Easy to set up without the need for costly external speakers.

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.

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

Eco AV mute

Stay in control of your presentation with Eco AV mute. Direct your audience's attention away from the screen by blanking the image when no longer needed. This also reduces the power consumption by up to 70%, further prolonging the life of your lamp.



Vertical lens shift

Simplify installation with vertical lens shift, which provides a wider range of projector placement possibilities. This makes it easier to position the projector in your room and enables a wider range of screen size options.

Four corner adjustment

Individually warp each corner of the image to create a perfectly square image. Ideal for image stacking, uneven walls or where projector placement is awkward and needs to be installed at an angle.

Large zoom range

A large zoom range enables multiple placement possibilities at a variety of distances from the projection screen. An advantage to this is that expensive interchangeable lens projectors can be substituted with a more cost effective solution whilst still retaining a diverse choice of positioning options.

MHL

Turn your projector into a smart display by connecting your smartphone or tablet with a single cable using MHL, enabling you to view presentations and documents, stream videos and share photos on the big screen..



Networking and control

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

RS232

Optoma projector's come with an extensive set of RS232 commands making it simple and easy to manage using any control system.

AMX Compatibility

Dynamic discovery protocol is incorporated into the projector allowing for easy installation with AMX control systems.

LAN Control

- Using the compatible RoomView® software you can power on/off, monitor, manage and control up to 250 projectors at the same time from any computer.
- Schedule the projectors to power on/off.
- Control and alter the projector settings using the simple web browser.
- Emergency text broadcast capabilities for urgent or important announcements.
- Automatically receive email updates for lamp maintenance.



Colour guarantee

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



Amazing colours

For vibrant, natural looking images, Optoma projectors incorporate BrilliantColor™ multi-colour processing technology.



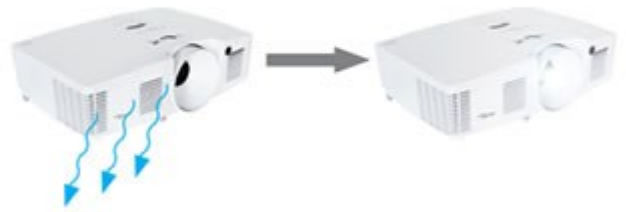
without



with

Quick resume

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



USB power

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

EH504 Specification

| | |
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| Display Technology | Single 0.65" 1080p DLP® Technology by Texas Instruments |
| Native Resolution | 1080p 1920 x 1080 |
| Brightness ¹ (Bright Mode) | 5000 ANSI Lumens |
| Contrast | 15,000:1 |
| Noise Level (Eco mode) | 30dB |
| Weight (kg) | 4.6 |
| I/O Connectors | 3xHDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Composite, 2 x Audio In 3.5mm, VGA out, Audio Out 3.5mm, RS232, RJ45, USB-A Power (1.5A), 3D-Sync, USB mouse/service |
| Maximum Resolution | Full HD 1920 x 1080 |
| Computer Compatibility | UXGA, SXGA+, HD, WXGA, XGA, SVGA |
| Video Compatibility | PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p |
| Displayable Colours | 1.07 Billion |
| Projection Lens | F/2.5~3.26; f=20.91~32.63mm, 1.6x Manual Zoom |
| Throw Ratio | 1.41 - 2.24:1 |
| Projection Screen Size | 0.67 – 7.65m (26.2" - 301.1") Diagonal 16:9 |
| Projection Distance | 1.3 - 9.4m |
| Zoom Type | 1.6x Manual |
| Aspect Ratio | 16:9 Native, 16:10/4:3 Compatible |
| Offset | 99%~116% |
| Horizontal Scan Rate | 15.375~91.146 KHz |
| Vertical Scan Rate | 24 ~ 85Hz (120Hz for 3D) |
| Lamp Type | 310W |
| Lamp Life ² Eco+/Dynamic/Eco/Bright | 5000/4500/4000/3000 (hrs) |
| Keystone Correction | ± 30° Vertical |
| Dimensions (W x D x H) (mm) | 369 x 295 x 132 |
| Power Supply | 100-240V, 50-60Hz |
| Power Consumption | 365W Bright mode / 287W Eco+ mode (<0.5W Standby) |
| Uniformity | 85% |
| Security | Kensington Lock, Password Protection |
| Standard Accessories | AC power cord, remote control, 2x AA batteries, quick start card, CD user manual |
| Optional Accessories | Wireless 3D system, Wireless 3D glasses, DLP® Link™ 3D glasses, wireless, ceiling mount |
| RoHS | Compliant |
| Lens Shift | +17% Vertical |
| 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 |
| Speaker (Watts) | 32 |
| Colour Guarantee ³ | 5 Years |
| Optional Wireless | Yes |

