

EH515

A powerful performer

- Geometry correction - 4 corner
- x1.8 Zoom with vertical and horizontal lens shift
- Horizontal and Vertical Keystone
- 5500 lumens 1080p DLP projector



EH515

Delivering Full HD image quality, the EH515 is ideal for conference rooms, large classrooms, lecture theatres, museums and houses of worship. This large venue projector boasts a brightness of 5,500 lumens and features multiple digital connection options, with two HDMI inputs and DisplayPort. For more complex installations, this projector is equipped with a large zoom range, lens shift and a built-in geometric adjustment feature - ideal for image stacking, uneven walls or where a projector placement is awkward and needs to be installed at an angle. maintenance.

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

Full HD (1920 x 1080) has more than twice the resolution of HD Ready (1280 x 720). EH515 is compatible with HDTV broadcasts and high-definition media to project impressive full 1080p images and video in their original digital brilliance.



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

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.



PureShift

Simplify installation with PureShift, which provides a wide range of projector placement possibilities.

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.

Brightness matching

The brightness of a projector will vary throughout its life. To correctly match multiple units, the projector has set lamp power modes (stepped lamp dimming) to help match the brightness of both projectors.



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.

Long lamp life

Reduce the number of lamp changes with long lamp life

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.

PLink™



RoomView™
CRESTRON
connected

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.



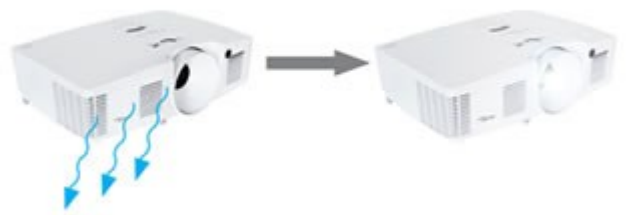
without



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.

Image stacking

Double your image brightness without significantly increasing your installation cost; with warp adjustment, you can achieve any brightness you want. Image stacking permits flexible installations and greater redundancy; an image can be displayed without interruption while swapping lamps. Alternatively, images can be realigned to be perfectly square if aligned beyond the lens shift range.

Wired remote

The wired remote connection allows all aspects of the projector to be

individually controlled without requiring a line-of-sight to the projector;
invaluable when using multiple units during live events.

EH515 Specification

| | |
|---------------------------------------|--|
| Display Technology | Single 0.65" 1080p DLP® Technology by Texas Instruments |
| Native Resolution | 1080p 1920 x 1080 |
| Brightness ¹ (Bright Mode) | 5500 ANSI Lumens |
| Contrast | 10,000:1 |
| Lamp Life ² Eco/Bright | 5000/3000 (hrs) |
| Throw Ratio | 1.2:1 ~2.160:1 |
| Zoom Type | 1.8x Manual |
| Lens Shift | Vertical: +25 Horizontal: +/-10% (constraints apply see user manual for details) |
| I/O Connectors | 2 x HDMI (1.4a 3D support) + MHL, DisplayPort, 2 x VGA (YPbPr/RGB), S-Video, Composite, 3 x Audio In (RCA/3.5mm), Mic In, Audio Out 3.5mm, VGA Out, RS232, USB-A Power (1.5A), USB mouse/service, RJ45, 12V trigger, 3D-Sync, Wired remote |
| Speaker | 20 |
| Keystone Correction | ± 30° Vertical ± 30° Horizontal |
| Weight (kg) | 5.9 |
| Dimensions (W x D x H) (mm) | 424 x 344 x 160 |
| Aspect Ratio | 16:9 Native, 16:10/4:3 Compatible |
| Offset | 105% |
| Projection Screen Size | 27.2"~301.1" Diagonal 16:9 |
| Projection Distance | 1.3m to 8.0m |
| Projection Lens | F/2.5~3.39; f=17.63~31.36mm, 1.8x Manual Zoom |
| Uniformity | 80% |
| Computer Compatibility | UXGA, SXGA+, HD, WXGA, XGA, SVGA |
| Video Compatibility | PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p |
| 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 |
| Horizontal Scan Rate | 15.375~91.146 KHz |
| Vertical Scan Rate | 24~ 85 Hz (120Hz for 3D feature) |
| Displayable Colours | 1.07 Billion |
| Noise Level (Eco mode) | 28 |
| Power Supply | 100-240V, 50-60Hz |
| Power Consumption | 425W Bright mode, 340W Eco mode, <0.5W Standby mode |
| Lamp Type | 365W |
| Security | Kensington Lock, Password Protection |
| Standard Accessories | AC power cord, VGA cable, remote control, battery, quick start card, CD user manual |
| Optional Accessories | DLP® Link™ 3D glasses, wireless, ceiling mount |
| Optional Wireless | Yes |
| 360° Operation | Not supported |
| Portrait Mode | Not supported |
| RoHS | Compliant |
| Features | V/H Lens Shift, Crestron RoomView®, PJ-Link |



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—¹—/Brightness and lamp 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. —²—/Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions. Optoma guarantees that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Exclusions: (a) Guarantee is voided if the projector is subject to damage through misuse. (b) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is excessive (c) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other faults. (d) Over time worn lamps within all projector types will show a slight colour variance. Copyright © 2013, Optoma Europe Ltd. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. Crestron®, the Crestron and RoomView® logo are registered trademarks of Crestron Electronics, Inc. Errors and omissions excepted, all specifications are subject to change without notice. DLP®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product or product images without notice. Some images may be simulated.

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