Optoma

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

DLP TEXAS INSTRUMENTS   **HDMI** HIGH DEFINITION MULTIMEDIA INTERFACE   **MHL** Mobile High-Definition Link   CRESTRON **RoomView** connected

PJLink   AMX   Full 3D   Full HD 1080p   BrilliantColor   5 YEARS   Project Green

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.

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.

XGA (1024 x 768)   1080p (1920 x 1080)

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.

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.

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.

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
Noise Level (Eco mode)	28
Weight (kg)	5.9
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
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/2.5~3.39; f=17.63~31.36mm, 1.8x Manual Zoom
Throw Ratio	1.2:1 ~2.160:1
Projection Screen Size	27.2"~301.1" Diagonal 16:9
Projection Distance	1.3m to 8.0m
Zoom Type	1.8x Manual
Aspect Ratio	16:9 Native, 16:10/4:3 Compatible
Offset	105%
Horizontal Scan Rate	15.375~91.146 KHz
Vertical Scan Rate	24~ 85 Hz (120Hz for 3D feature)
Lamp Type	365W
Lamp Life[2] Eco/Bright	5000/3000 (hrs)
Keystone Correction	± 30° Vertical ± 30° Horizontal
Dimensions (W x D x H) (mm)	424 x 344 x 160
Power Supply	100-240V, 50-60Hz
Power Consumption	425W Bright mode, 340W Eco mode, <0.5W Standby mode
Uniformity	80%
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
RoHS	Compliant
Lens Shift	Vertical: +25 Horizontal: +/-10% (constraints apply see user manual for details)
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)	20
360' Operation	Not supported
Portrait Mode	Not supported
Optional Wireless	Yes
Features	V/H Lens Shift, Crestron RoomView®, PJ-Link

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