EH515
ProScene 1080p Full 3D Installation Projector

Optoma

- **4 corner Geometric Correction for easy installation of basic stacking solutions or on uneven walls**

- **1.8x Zoom - excellent image from a short or long distance**

- **Vertical/ Horizontal keystone and lens shift for various applications**

- **Bright Projection at 5500 ANSI lumens for large installations**

- **Full Control over LAN and RS-232 using Crestron, IP Link, Extron PJ-Link, and Telnet**

- **Two 10-Watt speakers for excellent sound**

DLP PICTURE BY
TEXAS INSTRUMENTS

PRO|SCENE

The Optoma EH515 is a Full HD professional Installation projector, ideal for corporate environments, house of worship and Pro-AV installs. EH515 DLP technology provides accurate colors and great contrast for dark and white images. This great projector is furnished with advanced features to facilitate a quick installation.

Features include: Four corner correction (ideal for image stacking or uneven walls), Horizontal and Vertical Lens shift and Keystone together with x1.8 zoom ratio, permit a quick setup and easy usability from any angle.

Equipped with a variety of inputs, including HDMI built in MHL technology, allows you to connect to a wide variety of HD devices to easily display your content. In addition, the environmentally friendly EH515 has energy saving features including Eco+ lamp power management, <0.5W standby mode and auto power off, saving you both time and money by prolonging your lamp life.

CONNECTIVITY (May require optional accessories)

- Computers
- Smart Phones
- Tablets
- 3D Blu-ray/DVD Players
- Camcorders
- Digital Cameras
- Apple TV®
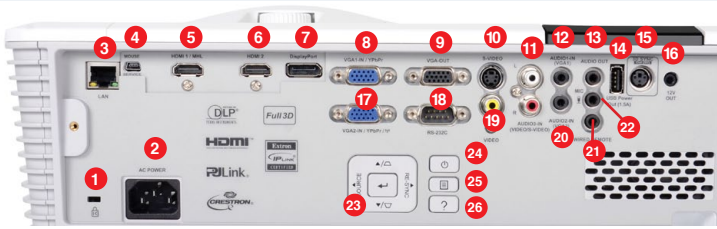- Chromecast™

Technology/Features

- **Full 3D** 1080p
- **NATIVE 16:9** WIDESCREEN
- **CRESTRON RoomView®** connected
- **AMX DEVICE DISCOVERY**
- **IPLINK®**
- **PJLink™**
- **MHL™**
- **HDMI™** HIGH DEFINITION MULTIMEDIA INTERFACE

EH515 — 1080p: Perfect for Corporate Presentations and Detailed Images

1. Kensington™ Lock Port
2. Power
3. LAN
4. micro USB (service)
5. HDMI1-In (MHL)
6. HDMI2-In
7. Display Port
8. VGA1-In (YPbPr)
9. VGA-Out

10. S-Video
11. Audio3-In (RCA)
12. Audio1-In (3.5 mm)
13. Audio-Out (3.5 mm)
14. USB (Power 1.5a)
15. 3D Vesa
16. 12V Trigger
17. VGA2-In (YPbPr)
18. RS-232C

19. Composite Video
20. Audio2-In (3.5 mm)
21. Wired Remote
22. MIC-In (3.5 mm)
23. Key Pad
24. Power On Button
25. Menu
26. Information

16.7"   13.5"   6.3"

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" 1080p chip, DLP® Technology by Texas Instruments™
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	1080p (1920 x 1080)
Brightness	5500 ANSI lumens
Contrast Ratio	10,000:1 (full on/full off)
Displayable Colors	1.07 Billion
Lamp Life	3000/4000 hrs (Bright/ECO)
Lamp Type*	365W
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±30° Vertical; ±30° Horizontal
Uniformity	80%
Offset	Vertical: 105% (±5% Variance)
Lens Shift	Vertical: +20% Horizontal: ±10% (constraints apply see user manual for details)
Aspect Ratio	16:9 (Native), 4:3, Auto
Throw Ratio	1.2:1~2.16:1
Projection Distance	4.27'–26.24' (1.3–8.0 m)
Image Size	27.2"~301.1" (0.69~7.64 m) diagonal 16:9
Projection Lens	F=17.63~31.36 mm; manual focus
Optical Zoom	1.8x Manual zoom
Digital Zoom	0.8–2.0
Audio	20-Watt
Noise Level	28dB
Remote Control	IR and wired control
Operating Temperature	41–113°F (5~45°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60 Hz, auto-switching
Power Consumption	445W (Bright), 335W Max (ECO), <0.5W (Standby)
High Altitude	Operating Temperature at sea level 10,000 feet = 73.4°F (23°C) max; must manually switch to high altitude mode at 5,000 feet

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, security bar and password protection
Weight	13 lb (5.9 kg)
Dimensions (W x H x D)	16.7" x 6.3" x 13.5" (424 x 160 x 344 mm)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	UXGA, SXGA, XGA, SVGA, VGA, WXGA, HD, Mac
Video Input Compatibility	PAL (B, D, G, H, I, M, N, 4.43MHz), NTSC (M, J, 3.58MHz, 4.443MHz), SECAM (B, D, G, K, K1, L, 4.25MHz, 4.4MHz, 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz) 1080p(24/50/60Hz)
3D Compatibility†	Side-by-Side:1080i(50/60Hz) Frame-pack: 1080p(24Hz), 720p(50/60Hz) Over-Under: 1080p(24Hz), 1080i(50/60Hz), 720p(50/60Hz) 3D glasses are needed and are sold separately. Refer to user manual for details.
Vertical Scan Rate	24–85 Hz (120 Hz for 3D feature projector)
Horizontal Scan Rate	15.375–91.146 KHz
I/O Connection Ports	1x Display port, 2x HDMI 1.4a + MHL, 2x VGA-In, 1x VGA out, Composite Video, S-Video, 3x Audio-In (stereo, 3.5mm and RCA), 1x Audio-Out (3.5mm jack), 1x Mic in (3.5mm jack), 12v trigger, USB type-A 5V, 3D Sync vesa port, RS-232C, mini-USB (service/control), RJ45, AC power (3 pin)

Warranty

3-Year Optoma Express Service, 1-Year on Lamp

In the Box (Standard Accessories)

EH515 projector, AC power cord, VGA cable, remote control, batteries, multilingual CD-ROM user's manual, basic user manual, and warranty card

Optional Accessories

Universal ceiling mount, Optoma screen, DLP® Link™ 3D glasses, wireless HDMI system

Accessory Part Numbers

Lamp: SP.72109GC01   Remote: SP.72101GC01
RF 3D Glasses: ZF2300Glasses   RF 3D Emitter: BC300
DLP® Link™ 3D glasses: ZD302
Universal ceiling mount: OCM815B, OCM815W, OCM818B-RU, OCM818W-RU
Wireless accessories: WHD200, HDCast Pro - Black, WPS-PRO, BI-EXTBG03

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*Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

† 3D content can be viewed with RF of DLP® Link active shutter 3D glasses when projector is used with a compatible 3D player. RF 3D glasses require the use of an RF 3D emitter and a projector with a 3D VESA Sync port. Please visit www.OptomaUSA.com for more information.