

# Multimedia Presentation Projector EH415e



## IDEAL PROJECTOR FOR CLASSROOMS, BOARDROOMS AND HOUSE OF WORSHIP



-  Full 1080p HD resolution with HDMI 1.4a connectivity and LAN Control
-  Bright 4200 lumens image with 15,000:1 contrast ratio makes it ideal for large screen applications
-  Lens shift for installation flexibility
-  Full 3D compatibility for audience captivating immersive presentations
-  1.5x zoom ratio for greater installation placement flexibility



The Optoma EH415e is the perfect projector solution for medium to large size conference rooms, small auditoriums, higher education lecture halls and houses of worship.

With a powerful 4200 lumens, 1920x1200 WUXGA resolution and a stunning 15,000:1 contrast ratio the EH415e delivers bright large-screen presentations with fantastic image clarity, outstanding color accuracy and incredibly sharp image detail.

Engineered for today's digital world, the EH415e provides 2 HDMI v1.4a ports, vertical lens shift for installation flexibility and RJ45 for LAN command and control.

### CONNECTIVITY (May require optional accessories)



# MULTIMEDIA PROJECTOR – EH415e

## OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
<b>Native Resolution</b>	Full HD (1920x1080)
<b>Maximum Resolution</b>	WUXGA (1920x1200)
<b>Brightness (Typical)</b>	4200 lumens
<b>Contrast Ratio</b>	15,000:1 (full on/full off)
<b>Displayable Colors</b>	1.07 Billion
<b>Lamp Life* and Type</b>	7000/4000/3000 (Bright+Dynamic/ECO/Bright)
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±40° Vertical
<b>Uniformity</b>	>80%
<b>Aspect Ratio</b>	16:9, 4:3, LBX, Native, Auto
<b>Throw Ratio</b>	1.39~2.09 (distance/width), ±5% tolerance
<b>Projection Distance</b>	3.9'–32.8' (1.2–10 m)
<b>Image Size (Diagonal)</b>	25.9"–324.97" (0.65–8.25 m)
<b>Projection Lens</b>	F=2.42-2.97, 1.5x manual zoom and focus
<b>Lens Shift Offset</b>	Vertical: 110% ~ 124%
<b>Digital Zoom</b>	0.8 ~ 2.0
<b>Typical Offset</b>	115%
<b>Audio</b>	10-Watt speaker
<b>Noise Level</b>	37dB min
<b>Remote Control</b>	IR remote mouse with laser
<b>Operating Conditions</b>	41–104°F (5–40°C), 85% max humidity
<b>Power Supply</b>	AC Input 100–240V, 50–60Hz, auto-switching
<b>Power Consumption</b>	Max 290W (Normal), Min 230W (Eco+), <0.5 (standby-ECO)
<b>High Altitude</b>	Operating Temp @ Sea Level to 10000 feet = 23C (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

## COMPATIBILITY SPECIFICATIONS

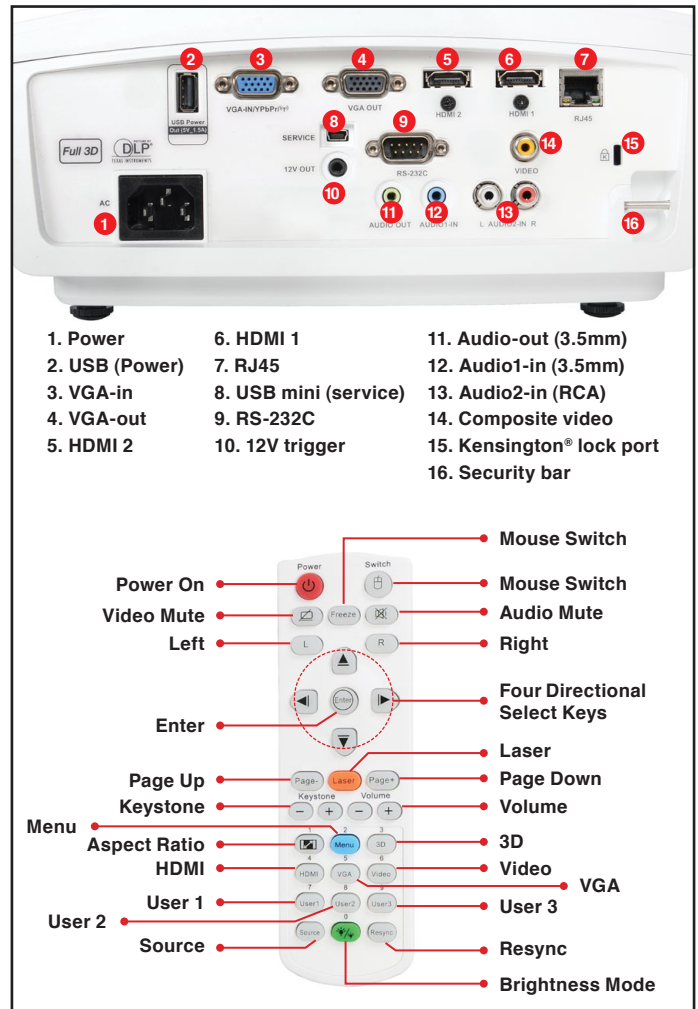
<b>Computer Compatibility</b>	UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA, WUXGA, HDTV 720p, HDTV 1080p
<b>Video Compatibility</b>	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i, 1080p)
<b>3D Compatibility†</b>	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e 60 or 72 frames per eye). 3D glasses are needed and are sold separately. Refer to user manual for details.
<b>Vertical Scan Rate</b>	24–85Hz, 120Hz
<b>Horizontal Scan Rate</b>	15.375–91.146KHz
<b>User Controls</b>	Complete on-screen menu adjustments in 27 languages
<b>I/O Connection Ports</b>	2x HDMI v1.4a, VGA-in, VGA-out, composite video, audio1-in (3.5mm), audio2-in (dual analog RCA), audio-out (3.5mm), 12V trigger, RS-232C, RJ45, USB-A (Power Only), USB mini (service only)

## PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® lock port, security bar and keypad lock
<b>Weight</b>	5.95 lb (2.7 kg)
<b>Dimensions (W x H x D)</b>	11.26" x 4.88" x 10.43" (286 x 124 x 265 mm)

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

†3D content can be viewed with DLP Link active shutter glasses when projector is used with a compatible 3D source (Blu-Ray Player, Cable/Satellite Box, Game Console and more). Please visit [www.OptomaUSA.com](http://www.OptomaUSA.com) for more information.



### Warranty

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

### What's In the Box

EH415e projector, AC power cord, VGA to VGA cable, remote control, batteries for remote, carrying case, lens cap, CD-ROM user's manual, quick start card and warranty card

### Optional Accessories

Wireless VGA dongle, universal ceiling mount, Optoma screens, DLP®Link™ 3D glasses, wireless HDMI system and Cat6 HDBaseT

### Accessory Part Numbers

Lamp: 5811118924-SOT  
Remote: 5041846800  
Wireless HDMI system: WHD200  
Universal ceiling mount: BM-5001U  
Universal ceiling mount (with extensional pole): OCM815W

Wireless VGA dongle: BI-EXTBG03  
DLP® Link™ 3D glasses: ZD302  
Single-Cat6 HDBaseT kit: EVBMN-M110  
Universal ceiling mount: OCM818W-RU

UPC 796435 41 950 9

[www.OptomaUSA.com](http://www.OptomaUSA.com)

