

# Super bright 1080p projection

## EH465



### Wireless presentation and multimedia



- Extraordinarily bright 1080p projection with 4,800 lumens and 20,000:1 contrast ratio**
- Extensive I/O support with 2xHDMI (with MHL), VGA-in, VGA-out, audio-in, audio-out, RJ45, USB reader, RS-232C**
- PC-free presentations and images; included USB Wi-Fi adapter, HDCast Pro wireless presentations and images from PC, Mac, Android, and iOS**
- Powerful 10 watt speaker enhances presentations and audio/video with crisp and clear sound**
- 1.5x zoom for robust installations in any environment**
- USB display mode enables instant screen mirroring when connecting iOS and Android devices**



The Optoma EH465 is the ultimate 1080p projector for classrooms, corporate boardrooms and multi-purpose offices. It projects an extremely bright 4,800 lumens and 20,000:1 contrast ratio to produce incredibly luminous, sharp and colorful images that's visible practically any time of the day. Support for sRGB and REC.709 color profiles ensures accurate color reproduction whether the source is PC, Mac or video devices.

Integrated file viewing capabilities lets the Optoma EH465 quickly display office documents, PDFs, images and presentations directly from USB storage devices. HDCast Pro features provides wireless screen mirroring capabilities for Android, iOS, Mac OS and Windows devices. USB display mode support lets Android and iOS devices connect directly via USB for wired screen mirroring, too.

A 1.5x zoom allows flexible installations with the Optoma EH465 while a 10 watt internal speaker fills the room with loud and crisp audio that enhances media content and presentations. Robust input options include 2 HDMI, VGA-in, VGA-out and RJ-45 for connectivity to a wide range of devices. A 15,000-hour lamp life enables many years of use with minimal maintenance.

### CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

## SUPER BRIGHT 1080P PROJECTION— EH465

### OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.65" DMD S600, DC3 chip DLP® Technology by Texas Instruments
<b>Color Wheel</b>	RYGBW
<b>Native Resolution</b>	1080p (1920x1080)
<b>Maximum Resolution</b>	WUXGA (1920x1200)
<b>Brightness</b>	4,800 ANSI lumens
<b>Contrast Ratio</b>	20,000:1
<b>Displayable Colors</b>	1.07 billion
<b>Lamp Life and Type*</b>	4500/3500/2500 (EDU/ECO/Bright) - 285W
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	± 30° vertical / ± 25° horizontal
<b>Keystone Distortion</b>	±0.5% max
<b>Uniformity</b>	75%
<b>Offset</b>	114.9%±5%
<b>Aspect Ratio</b>	16:9 (native), 16:10, 4:3 and LBX compatible
<b>Throw Ratio</b>	1.39 - 2.09
<b>Projection Distance</b>	3.93' - 49.1' (no zoom)
<b>Image Size</b>	25.9" - 324.9"
<b>Projection Lens</b>	F=2.42 ~2.97, f=20.70 ~ 31.05mm manual
<b>Optical Zoom</b>	1.5x
<b>Digital Zoom</b>	0.8 - 2.0
<b>Audio</b>	10W
<b>Noise Level</b>	31dB/37dB (ECO/Bright)
<b>Remote Control</b>	Full size remote
<b>Operating Temperature</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>	370W typical (Bright mode), 390W max (Bright mode), 300W typical (Eco+ mode), 320W max (Eco+ mode)
<b>High Altitude</b>	Operating temp @ sea level up to 10000 feet = 23F (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

### COMPATIBILITY SPECIFICATIONS

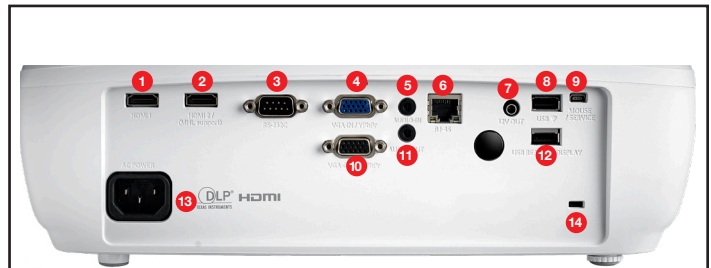
<b>Wireless Screen Mirror</b>	Mirror screen on PC, Mac and Android using HDcast Pro app
<b>USB Display</b>	Mirror screen of Android and iOS device via USB
<b>PC-free USB Media Player and Office Document Viewer</b>	Supports viewing of office documents, PDF files and images via USB storage devices
<b>PC-free USB Media Player  Image formats</b>	JPEG, GIF, BMP
<b>Computer Compatibility</b>	FHD, HD, WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac
<b>Video Input Compatibility</b>	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
<b>3D Compatibility†</b>	Side-by-side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-under: 1080p24, 720p50 / 60
<b>Vertical Scan Rate</b>	15 - 91kHz
<b>Horizontal Scan Rate</b>	25 - 85Hz (120Hz for 3D)
<b>User Controls</b>	Complete on-screen menu adjustment in 26 languages
<b>I/O Connection Ports</b>	2xHDMI (with MHL), VGA-in, VGA-out, audio-in (3.5mm), audio-out (3.5mm), RJ-45, 1x USB (Wi-Fi adapter), 1x USB (USB reader and USB power), USB-B Mini (service), 12V trigger (3.5mm), RS-232C
<b>Loop Through (Audio)</b>	Yes

### PHYSICAL SPECIFICATIONS

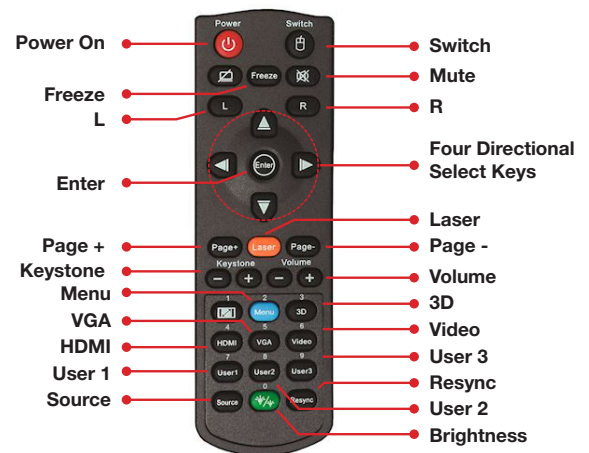
<b>Security</b>	Security bar, Kensington lock, password protection
<b>Weight</b>	6.75 lbs.
<b>Dimensions (W x H x D)</b>	12.20" x 8.66" x 3.93"

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

†3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. Please visit [www.OptomaUSA.com](http://www.OptomaUSA.com) for more information.



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|-------------------|----------------------|------------------------|
| 1. HDMI1-In       | 6. RJ-45             | 11. Audio-Out          |
| 2. HDMI2-In (MHL) | 7. 12V-Out           | 12. USB Reader/Display |
| 3. RS-232C        | 8. USB Wi-Fi Adapter | 13. AC Power           |
| 4. VGA-In/YPbPr   | 9. Mouse service     | 14. Kensington™ Lock   |
| 5. Audio-In       | 10. VGA-Out/YPbPr    |                        |



### Warranty

3-year Optoma Express Service, 1-year on lamp

### What's in the Box

EH465 projector, AC power cord, remote control, USB Wi-Fi adapter, carrying case, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

### Optional Accessories

Universal ceiling mount, DLP@Link™ 3D glasses, lamp, remote, WUSB (Wi-Fi adapter replacement)

### Accessory Part Numbers

Lamp: BL-FP285A  
Wi-Fi adapter: WUSB  
Remote: BR-5011L  
DLP@ Link™ 3D glasses: ZD302  
Universal ceiling mount: OCM818W-RU  
Universal ceiling mount: BM-5001U  
Universal ceiling mount (with extensional pole): OCM815W  
Single-Cat6 HDBaseT kit: EVBMN-M110  
Carrying case: SP.8VH03GC01

UPC 796435 44 105 0

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