

# EH504WIFI

## Full HD Professional Installation DLP Projector



### 1080P DATA AND BUSINESS PROJECTOR



- Wireless ready for screen mirroring and 4-way split screen presentation**
- Bright Projection - 5000 ANSI lumens**
- Four Corner correction - For a quick installation onto uneven walls**
- Installation flexibility – Vertical lens shift and 1.6x zoom**
- Vertical and Horizontal Keystone**
- Full Control over LAN and RS232**

PRO|SCENE



The Optoma EH504WIFI is a full HD 1080p professional installation projector, offering a brightness of 5000 lumens, crystal clear images, and a variety of advanced features to facilitate a quick installation. The Optoma EH504WIFI is ideal for conference rooms, large classrooms, lecture theatres, museums and houses of worship.

For more complex installations, this projector is equipped with a large zoom range, vertical lens shift and a built-in geometric adjustment feature - ideal for uneven walls or where a projector placement is awkward and needs to be installed at an angle.

The EH504WIFI has Wireless support for Screen Mirroring, allowing presenters and attendees to share the desktop or screen of any Windows, Mac, iOS, or Android device. The moderator can utilize the 4-way split screen function to determine who can share PowerPoint Presentations, Word Documents, Excel Spreadsheets, videos, and images from multiple devices simultaneously for ultimate collaboration. With the Conference Control feature, the presenter can also pass full control of the session to any attendee or immediately remove someone from the session without disrupting the presentation session.



### CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Digital Cameras



Apple TV®

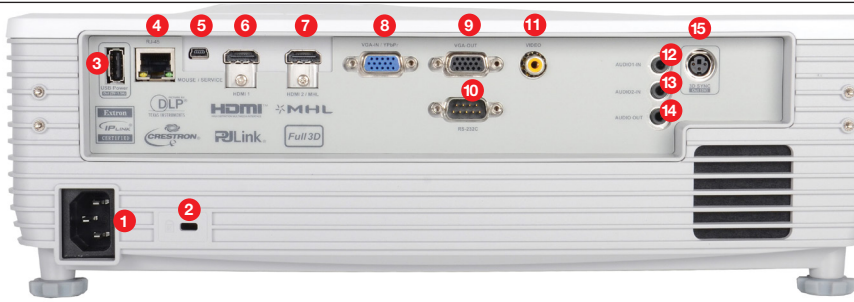


Chromecast™

### TECHNOLOGY/FEATURES



## Full HD Professional Installation DLP projector – EH504WIFI



- |                             |                    |                        |
|-----------------------------|--------------------|------------------------|
| 1. Power                    | 6. HDMI1-In        | 11. Composite Video    |
| 2. Kensington™ Lock Port    | 7. HDMI2-In (MHL)  | 12. Audio1-In (3.5 mm) |
| 3. USB (Power 1.5A)         | 8. VGA1-In (YPbPr) | 13. Audio2-In (3.5 mm) |
| 4. LAN                      | 9. VGA-Out         | 14. Audio-Out (3.5 mm) |
| 5. mini USB (mouse/service) | 10. RS-232C        | 15. 3D Sync            |



### OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.65" 1080p chip, DLP® Technology from Texas Instruments™
<b>Native Resolution</b>	1080p (1920 x 1080)
<b>Maximum Resolution</b>	1080p (1920 x 1080)
<b>Brightness</b>	5000lm
<b>Contrast Ratio</b>	15000:1
<b>Displayable Colors</b>	1.07 Billion
<b>Lamp Life and Type*</b>	5000/4500/4000/3000 Hours (Eco+/Dynamic/Eco/Bright)
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±30° Vertical and Horizontal
<b>Uniformity</b>	70%
<b>Offset</b>	99% to 116% (+/- 5% variance)
<b>Aspect Ratio</b>	16:9 (native), 4:3, Auto
<b>Throw Ratio<sup>2</sup></b>	1.41~2.24:1 (distance/width)
<b>Projection Distance</b>	51.18"~370"
<b>Image Size</b>	26.2"~301.1" (diagonal)
<b>Projection Lens</b>	F=2.5~3.26, f=20.913~32.626mm - manual zoom and focus
<b>Optical Zoom</b>	1.6x
<b>Digital Zoom</b>	0.8~2.0
<b>Speaker</b>	2x 16W Speaker
<b>Noise Level</b>	30dB
<b>Remote Control</b>	IR remote
<b>Operating Temperature</b>	41~113°F (5~45°C), 85% max humidity
<b>Power Supply</b>	AC input 100~240V, 50~60 Hz, auto-switching
<b>Power Consumption</b>	421W Max (Bright), 329W Max (ECO)
<b>High Altitude</b>	Operating Temp @ Sea Level to 10000 feet = 23°C (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

### PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® lock port, security bar, and keypad lock
<b>Weight</b>	10.2 lb (4.6 kg)
<b>Dimensions (W x H x D)</b>	14.5" x 5.2" x 12" (369 x 295 x 132 mm) - with feet

### COMPATIBILITY SPECIFICATIONS

<b>Computer Compatibility</b>	UXGA, SXGA, XGA, SVGA, VGA, WXGA, 1080p, Mac
<b>Video Input Compatibility</b>	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)
<b>3D Compatibility<sup>1</sup></b>	Side-by-Side: 1080i50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
<b>Vertical Scan Rate</b>	24~85 Hz (120 Hz for 3D feature projector)
<b>Horizontal Scan Rate</b>	15.375~91.146 KHz
<b>User Controls</b>	Complete on-screen menu, adjustments in 26 languages
<b>I/O Connection Ports</b>	2x HDMI 1.4a (HDMI 2 support MHL), 1x VGA-In, 1x VGA out, 1x Composite (RCA - Y), 2x Audio-In (jack 3.5mm female), 1x Audio-Out (jack 3.5mm female), 1x RS232C (9pin d-sub), 1x mini USB (service/control), 1x USB A (5V/1.5A out), 1x RJ45 (LAN), 1x 3D vesa port, AC power 3 pin
<b>Wireless Compatibility</b>	WHD200 (Source lock on), Chromecast™, FireTV™ Stick

#### Warranty

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

#### In the Box (Standard Accessories)

EH504WIFI 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.70B01GC01 Remote: SP.72702GC01  
 RF 3D Glasses: ZF2300Glasses  
 DLP® Link™ 3D glasses: ZD302, ZF2300  
 Wireless HDMI system: WHD200 (source lock: on)  
 Universal ceiling mount: OCM815B, OCM815W, OCM818B-RU, OCM818W-RU

UPC 796435 44 084 8

<sup>1</sup>Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time

<sup>2</sup>3D content can be viewed with DLP® Link active shutter glasses when projector is used with a compatible 3D player. Please visit [www.OptomaUSA.com](http://www.OptomaUSA.com) for more information.