# 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



The Optoma EH504WIFI is a full HD 1080p 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)



# **TECHNOLOGY/FEATURES**



















#### Full HD Professional Installation DLP projector — EH504WIFI



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



## **OPTICAL/TECHNICAL SPECIFICATIONS**

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

#### **PHYSICAL SPECIFICATIONS**

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

#### **COMPATIBILITY SPECIFICATIONS**

Computer Compatibility	UXGA, SXGA, XGA, SVGA, VGA, WXGA,1080p, 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, 4.25,MHz, 4.4MHz, 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz) 1080p(24/50/60Hz)
3D Compatibility <sup>†</sup>	Side-by-Side:1080i50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Vertical Scan Rate	24–85 Hz (120 Hz for 3D feature projector)
Horizontal Scan Rate	15.375-91.146 KHz
User Controls	Complete on-screen menu, adjustments in 26 languages
I/O Connection Ports	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
Wireless Compatibility	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