






# EH504 Full HD Professional Installation DLP Projector



## 1080P DATA AND BUSINESS PROJECTOR



-  **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 EH504 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 EH504 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.

Equipped with a variety of connection options, including two HDMI on rear and one hidden HDMI with built-in MHL technology for the optional HDCast Pro dongle, the EH504 allows you to connect to a wide range of HD devices to easily display your content. In addition, the environmentally friendly EH504 has energy-saving features including Eco+ lamp power management 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 HD Professional Installation DLP projector – EH504



### 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>	3000/4000 Hours (Bright/Eco mode)
<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>	29dB
<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, 4.43MHz), 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>	3x HDMI 1.4a (2 on rear and 1 under top cover with 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, HDCast PRO - BLACK

#### Warranty

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

#### In the Box (Standard Accessories)

EH504 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), HDCast PRO - BLACK  
Universal ceiling mount: OCM815B, OCM815W, OCM818B-RU, OCM818W-RU

UPC 796435 44 043 5

<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 for more information.