






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 3D
1080p

NATIVE
16:9
WIDESCREEN

CRESTRON
RoomView
connected



IP LINK™

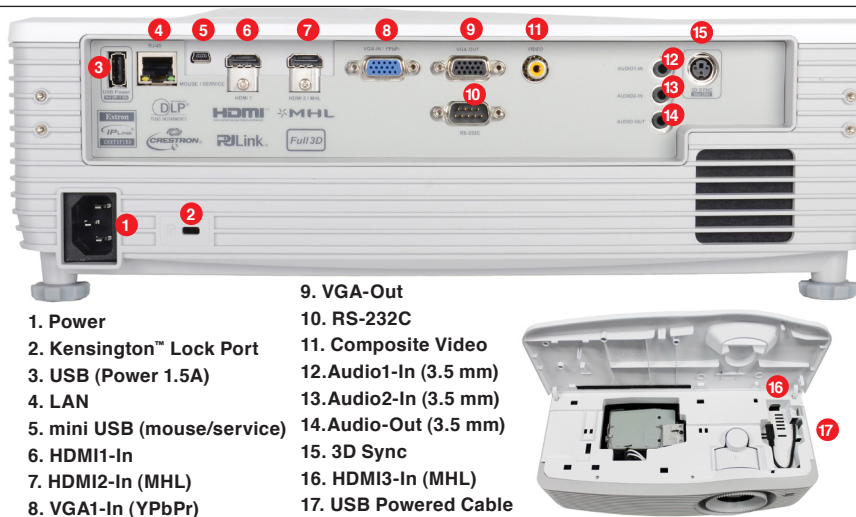
PJ Link™

MHL™

HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE



Full HD Professional Installation DLP projector – EH504



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 Ratio²	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, 4.25MHz, 4.4MHz, 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz) 1080p(24/50/60Hz)
3D Compatibility¹	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	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
Wireless Compatibility	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

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

²3D 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.