





# DATA SERIES PROJECTOR EH500



## TAKE YOUR AUDIENCE TO A WHOLE NEW DIMENSION



-  **Native 1080p high-definition resolution** for crystal clear presentations
-  **4700 lumens bright output** makes it ideal for use in large screen applications
-  **Latest image controller technology and Full 3D compatibility** for the most amazing immersive experience
-  **Over the network management and control capability** makes it the perfect projector for large installations



The Optoma EH500 will make your presentations shine crystal clear in full high definition. Its powerful 4700 lumens bright output combined with an outstanding 10,000:1 contrast ratio deliver amazingly bright presentations with vibrant colors and sharp, clear text and graphics. Ideal for use in large screen applications where fine image detail is required.

The Optoma EH500 features an impressive array of connectivity options which include a display port, two HDMI, two VGA, VGA-Out, S-Video, composite video, 12V trigger, RS-232C and RJ45. Full 3D compatibility, Crestron RoomView for over the network control and management of up to 250+ projectors. Perfect for large installations in business and educational environments.

### CONNECTIVITY (May require optional accessories)



## DATA SERIES PROJECTOR — EH500

### OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.65" DC2 DMD DLP® Technology by Texas Instruments™
<b>Native Resolution</b>	HD (1920 x 1080)
<b>Maximum Resolution</b>	WUXGA (1920 x 1200)
<b>Brightness</b>	4700 lumens
<b>Contrast Ratio</b>	10,000:1 (full on/full off)
<b>Displayable Colors</b>	1.07 Billion
<b>Lamp Life and Type*</b>	3500/2500 Hours (STD/bright)
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±15° Vertical
<b>Uniformity</b>	85%
<b>Aspect Ratio</b>	16:9 Native, 4:3 compatible
<b>Throw Ratio</b>	1.59–1.91:1 (distance/width)
<b>Projection Distance</b>	3.28'–32.8' (1.0–10 m)
<b>Image Size (Diagonal)</b>	23.6"–300" (0.6–7.62 m)
<b>Projection Lens</b>	F=2.5-2.76, f=23.5-28.2 mm, 1.2x manual zoom and focus
<b>Offset</b>	115%
<b>Audio</b>	3-Watt speaker
<b>Noise Level</b>	30dB
<b>Remote Control</b>	IR remote mouse control
<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>	Preliminary 380W (bright), 320W (STD), <1W (standby)

### COMPATIBILITY SPECIFICATIONS

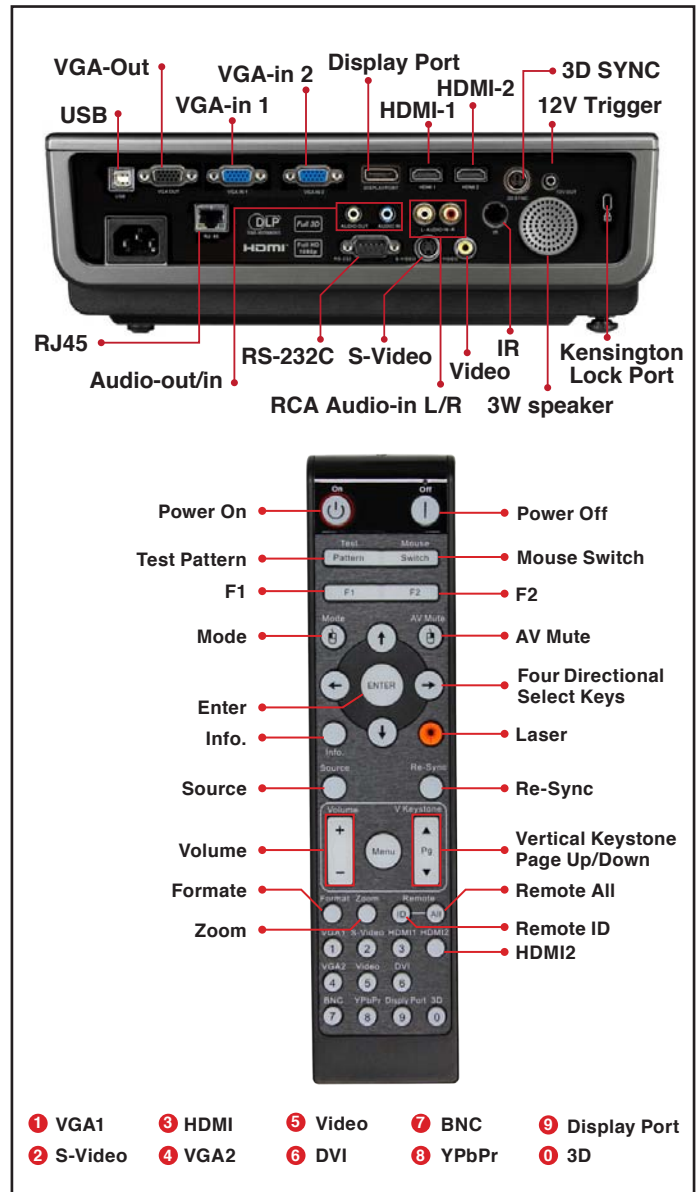
<b>Computer Compatibility</b>	HD, WUXGA, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac compatible
<b>Video Input Compatibility</b>	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
<b>3D Compatibility†</b>	Supports all HDMI 1.4a mandatory 3D format, side-by-side format and top and bottom format. 3D glasses are needed and sold separately.
<b>Vertical Scan Rate</b>	50–85Hz, 120Hz, 144Hz
<b>Horizontal Scan Rate</b>	15, 31–90KHz
<b>User Controls</b>	Complete on-screen menu, adjustments in 23 languages
<b>I/O Connection Ports</b>	Display port, Two HDMI, Two VGA-in, VGA-out, S-video, composite video, stereo RCA, audio-in, stereo audio-out, RS-232C, RJ45, 3D-sync, USB and 12V trigger
<b>Loop Through (Audio, VGA)</b>	Monitor: D-Sub 15 pin VGA output Audio-out: Stereo 3.5 mm mini-jack (functional in both normal and standby modes)

### PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® Lock Port, security bar and keypad lock
<b>Weight</b>	8.2 lb (3.7 kg)
<b>Dimensions (W x D x H)</b>	12.8" x 4.3" x 10.2" (326 x 109 x 259 mm)

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

†3D content can be viewed with either RF or DLP Link active shutter glasses when projector is used with a compatible 3D player. RF 3D glasses require the use of an RF 3D emitter and a projector with a 3D VESA Sync port. Please visit [www.OptomaUSA.com](http://www.OptomaUSA.com) for more information.



#### Warranty

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

#### In the Box

EH500 projector, AC power cord, VGA to VGA cable, remote control, batteries for remote, carrying case, lens cap, multilingual CD-ROM user's manual, quick start card and warranty card

#### Optional Accessories

Ceiling mount, RF 3D glasses, RF 3D emitter and Optoma screens

#### Accessory Part Numbers

Lamp: BL-FU310B	Mount: BM-5001U
Remote: BR-3070L	Case: BK-4013
Wireless VGA dongle: BI-EXTBG03	DLP® Link™ 3D glasses: BG-ZD301
RF 3D glasses: BG-ZF2100GLS	RF 3D emitter: BG-BC100B

UPC 796435 41 865 6

[www.OptomaUSA.com](http://www.OptomaUSA.com)

**Optoma**  
Projector Expert

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