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.
DATA SERIES PROJECTOR — EH500

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology
Single 0.65" DC2 DMD DLP® Technology by Texas Instruments™

Native Resolution
HD (1920 x 1080)

Maximum Resolution
WUXGA (1920 x 1200)

Brightness
4700 lumens

Contrast Ratio
10,000:1 (full on/full off)

Displayable Colors
1.07 Billion

Lamp Life and Type*
3500/2500 Hours (STD/bright)

Projection Method
Front, rear, ceiling mount, table top

Keystone Correction
±15° Vertical

Uniformity
85%

Aspect Ratio
16:9 Native, 4:3 compatible

Throw Ratio
1.59–1.91:1 (distance/width)

Projection Distance
3.28’–32.8’ (1.0–10 m)

Image Size (Diagonal)
23.6”–300” (0.6 –7.62 m)

Projection Lens
F=2.5-2.76, f=23.5-28.2 mm, 1.2x manual zoom and focus

Offset
115%

Audio
3-Watt speaker

Noise Level
30dB

Remote Control
IR remote mouse control

Operating Temperature
41–104°F (5 –40°C), 85% max humidity

Power Supply
AC input 100–240V, 50–60Hz, auto-switching

Power Consumption
Preliminary 380W (bright), 320W (STD), <1W (standby)

COMPUTABILITY SPECIFICATIONS

Computer Compatibility
HD, WUXGA, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac compatible

Video Input Compatibility
NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)

3D Compatibility†
Supports all HDMI 1.4a mandatory 3D format, side-by-side format and top and bottom format. 3D glasses are needed and sold separately.

Vertical Scan Rate
50–85Hz, 120Hz, 144Hz

Horizontal Scan Rate
15, 31–90kHz

User Controls
Complete on-screen menu, adjustments in 23 languages

I/O Connection Ports
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

Loop Through (Audio, VGA)
Monitor: D-Sub 15 pin VGA output Audio-out: Stereo 3.5 mm mini-jack (functional in both normal and standby modes)

PHYSICAL SPECIFICATIONS

Security
Kensington® Lock Port, security bar and keypad lock

Weight
8.5 lbs.

Dimensions (W x D x H)
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 for more information.

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