

# Powerful performance



**Optoma EH501** was designed to deliver unsurpassed performance and reliability to meet your installation needs. Its powerful 5000 lumens output and impressive 15,000:1 contrast ratio deliver remarkably bright presentations with sharp text and color-rich graphics. To ensure it will perform to your current and future needs, EH501 features a comprehensive I/O panel and the most advanced feature sets in its class. Outstanding features on this remarkable product include HDMI and DVI for digital connectivity, over-the-network presentation capability, wireless presentation capability via optional USB dongle, vertical lens shift and discrete audio inputs including microphone input for maximum installation convenience.



- 5,000 ANSI lumens and high contrast ratio 15000:1
- Support HDMI 1.4a Blu-ray 3D format
- Comprehensive Connectivity
- Network Control Capability
- Lan/Wireless presentation\*optional wireless dongle
- Vertical lens shift for installation flexibility



## 3D Technology

EH501 supports HDMI 1.4a 3D playback, including 3D 1080P Blu-ray, native 3D games, and 3D broadcasting signal, just connect Full HD 3D player directly to EH501 via HDMI, you can instantly be part of a fantastically immersive experience. The 3D effect is generated by splitting this signal into two standard video streams, one for each eye. Using DLP® Link™ technology, the 3D glasses synchronise with the image on screen to filter each stream to the correct eye. Your brain then combines the two streams to make them jump into life.



## DICOM Sim. display mode

Designed specifically for larger meeting rooms and lecture theatres, the EH501 includes a special DICOMsim mode that has been specifically tuned for viewing greyscale images, perfect for viewing X-rays and scans during medical training.\*

\*EH501 is not suitable for use in medical diagnosis.

## Network Control Capability

It achieves a synergy that greatly enhances functionality, ease of use, and energy savings. Schedule, monitor and manage all systems and devices in every room remotely from any computer; for the ultimate comfort and convenience, while reducing costs and maximizing energy efficiency.



## I/O

- |                |             |                    |
|----------------|-------------|--------------------|
| 01.RS-232C     | 02.VGA-out  | 03.S-Video         |
| 04.USB Mouse   | 05.HDMI     | 06.DVI-D           |
| 07.USB Display | 08.RJ45     | 09.USB-A           |
| 10.VGA1-in     | 11.VGA2-in  | 12.RCA Audio-in    |
| 13.Video       | 14.Audio-in | 15.Audio-out       |
| 16.Mic         | 17.12V Out  | 18.Kensington lock |



## Specification

<b>Display Technology</b>	Texas Instruments DLP™ technology/ 0.65" 1080P DMD Chip
<b>Native Resolution</b>	Native: 1920 x 1080 (1080P) Support Computer signal up to 1080P (1920 x 1080) 60Hz
<b>Brightness / Contrast Ratio</b>	5000 ANSI Lumens/ 15000 :1
<b>Display Colors</b>	1073 million colors
<b>Projection Lens</b>	F# 2.42 ~ 2.98, f = 20.77 ~ 31.13 mm; 1.5x manual zoom & focus
<b>Image Size</b>	30 to 300 inches (16:9)
<b>Projection Distance</b>	1.2m ~10m
<b>Throw Ratio</b>	1.37~2.05 :1 (Projection distance/width)
<b>Len shift</b>	± 8.5% Vertical
<b>Digital Keystone Correction</b>	± 20° Vertical in System
<b>Aspect Ratio</b>	16:9 Native, 4:3 Compatible
<b>Scan Rate</b>	Horizontal : 15,31 ~ 90 kHz / Vertical : 50 ~85 Hz
<b>Computer Compatibility</b>	UXGA, SXGA+, SXGA, XGA, SVGA, VGA Compression, VESA standards, PC & Macintosh compatible
<b>*3D Compatibility</b>	Video:480i & HDMI 1.4a Blu-ray 3D Computer:1280x720/1024x768/800x600@120Hz
<b>Input / Output Connections</b>	HDMI(support audio input) x1,DVI-D x1,VGA(YPbPr/ RGB) x2, S-Video x1, Composite Video x1,Mini-jack Audio in x 2, RCA Audio in x 1, VGA out x1, Audio output(Mini-jack) x1, USB (for USB Display)x1, RS232 Control Port x1, RJ45 (LAN for network control) x1, USB (Remote mouse/service) x1,+12V Relay output x1, USB slot(Image playback/Wireless dongle(optional))x1
<b>Speaker</b>	15W speaker x 2
<b>Uniformity</b>	85 %
<b>Noise</b>	27 dB (STD mode)
<b>Lamp Type</b>	280 watt user-replaceable lamp
<b>Lamp Life</b>	4000 hrs (STD mode)/ 3000 hrs(Bright mode)
<b>Power Supply</b>	Universal AC 100 ~ 240V, 50/60Hz @110VAC
<b>Dimensions(WxDxH) / Weight</b>	399 x 299 x 169 mm /4.5 kg

\*Optoma reserves the right to change this brochure without prior notice, please refer to [www.optoma.com](http://www.optoma.com) for any change



\*Optoma guarantees that in normal use, Optoma DLP® color quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusions: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive (3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault. Typical lamp life achieved through testing. Will vary according to operational use and environment conditions. Optoma guarantees that in normal use, the DLP® imager guarantee will retain quality for at least 5 years providing consistent pixel performance. Exclusions: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive. Copyright © 2012, Optoma Corporation. All other product names and company names used herein are for identifications purposes only and may be trademarks or registered trademarks of their respective owners. Errors and omissions excepted, all specifications are subject to change without notice. DLP®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments.