

# Magnificent Achievement for Large Venue



**Optoma EH503** was designed to deliver outstanding performance to satisfy your large venue projector install needs. Its powerful 5200 lumens bright output combined with a remarkable 2,000:1 contrast ratio deliver amazingly bright, color-rich presentations with sharp, clear text and graphics.

- **5200 Lumens, UXGA Resolution**
- **Installation flexibility – Full Lens shift, interchangeable lenses, off-axis short throw option**
- **Ultimate Control - Full support for Crestron, Extron, AMX, PJ-Link and Telnet LAN commands**
- **Advanced features – Wired Remote, Full 3D Support and DICOM simulation**



## Installation Flexibility

To help meet the seemingly limitless challenges of ProAV installations, the EH503 provides multiple lens options with zoom and focus adjustment to ensure you can get the image size you require, while a wide lens shift range helps you get the image exactly where you want it.

## 3D Technology

Using the inherent speed of DLP® technology, Optoma Full 3D projectors can output video and images at an astonishing rate of 144Hz, allowing you to show full screen, full color, stereoscopic 3D. Within 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. The EH503 supports multiple 3D formats from various devices such as PC, Blu-ray 3D™, Sony® PS3, Microsoft® Xbox 360 or 3D TV broadcast system. Also, EH503 has built in with VESA 3D port, is compatible with both DLP and radio frequency 3D glasses.



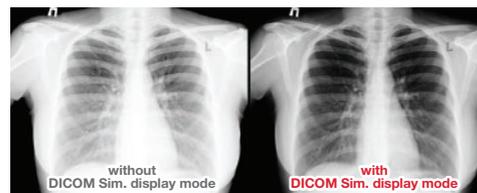
## System Integration Control

Multiple EH503 can be monitored over LAN and can also provide the user with an email message alert in case an error occurs or a lamp fails or needs to be replaced using Crestron Roomview. The web browser interface and full support for Telnet, Extron's IP Link, AMX dynamic device discovery and PJ-Link protocols, allow almost all aspects of the EH503 to be controlled across a network, keeping you in control, wherever you are.



## DICOM Sim. display mode

Designed specifically for larger meeting rooms and lecture theatres, the EH503 includes a special DICOMsim mode that has been specifically tuned for viewing greyscale images, perfect for viewing X-rays and scans during medical training.\*



\*EH503 is not suitable for use in medical diagnosis.

## Input/Output Connections

- 01. Power On/Off      02. VGA 1      03. HDMI      04. VGA 2
- 05. DVI-D      06. DisplayPort      07. RJ45 LAN      08. 3D VESA
- 09. USB Power      10. VGA Out      11. 5BNC      12. RS-232C
- 13. Component Video      14. S-Video      15. Composite Video      16. Wired Remote
- 17. +12V Trigger      18. Master Switch

Specification	EH503
<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 UXGA (1920x1200) 60Hz
<b>Brightness</b>	5200 ANSI Lumens
<b>Contrast Ratio</b>	2000 :1
<b>Display Colors</b>	1073 million colors
<b>Projection Lens</b>	F# 2.46 ~ 2.56, f = 22.8 ~ 28.5(STD lens) manual zoom & focus
<b>Image Size</b>	30 to 500 inches
<b>Throw Ratio</b>	1.54 ~ 1.93 :1 (Projection distance/width) 1.25X STD Lens 1.93~ 2.9 :1 (Projection distance/width) 1.5X Long throw Lens 0.77 :1 (Projection distance/width) Fixed wide lens
<b>Keystone</b>	±15° Vertical in System / Horizontal: ±10% offset; Vertical: -30% ~ +110% offset
<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 1.4b Blu-ray 3D Computer:1280x720/1024x768/800x600@120Hz
<b>I/O Connections</b>	HDMI(support audio input) x1,DVI-D x1,DisplayPort x1,VGA(YPbPr/ RGB) x2, Composite Video x1,Mini-jack Audio in x3,RCA-Audio In x2, BNC x1, Component x1,VGA out x1, Audio output(Mini-jack) x1, 3D VESA Port x1, RS232 Control x1, RJ45 (LAN for network control) x1, Wired Remote Port x1, USB (Remote mouse/service) x1, USB(Charge +1.5A), +12V Relay output x1
<b>Speaker</b>	3W speaker
<b>Uniformity</b>	85 %
<b>Noise</b>	37 dB (STD mode)
<b>Lamp Life</b>	3500 hrs (STD mode)/ 1500 hrs(Bright mode)
<b>Power Supply</b>	Universal AC 100 ~ 240V, 50/60Hz @110VAC
<b>Dimensions(WxDxH)</b>	430 x 340 x 183 mm
<b>Weight</b>	8.6kg

\*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 © 2013, 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.