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EH/W505

Optoma
Always Brilliant

Brilliant Presentations with Maximum Installation Flexibility

Optoma EH/W505 was designed to deliver extraordinary performance and superior reliability to satisfy your large venue projector install needs. Its powerful 5000/5200 lumens bright output combined with a remarkable 2,000:1 contrast ratio deliver amazingly bright, color-rich presentations with sharp, clear text and graphics.

- **EH505: 5000 Lumens, WUXGA Resolution; W505: 5200 Lumens, WXGA 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 EH/W505 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 EH/W505 supports multiple 3D formats from various devices such as PC, Blu-ray 3D™, Sony® PS3, Microsoft® Xbox 360 or 3D TV broadcast system. Also, EH/W505 has built in with VESA 3D port, is compatible with both DLP and radio frequency 3D glasses.

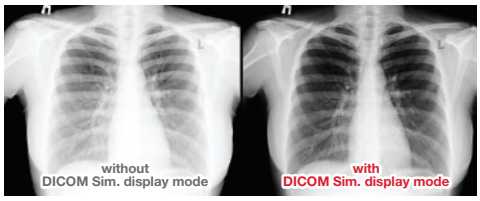
System Integration Control

Multiple EH/W505 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 EH/W505 to be controlled across a network, keeping you in control, wherever you are.

Extron. AMX CRESTRON PJLink.

DICOM Sim. display mode

Designed specifically for larger meeting rooms and lecture theatres, the EH/W505 includes a special DICOMsim mode that has been specifically tuned for viewing greyscale images, perfect for viewing X-rays and scans during medical training.*



*EH/W505 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	EH505	W505
Display Technology	Texas Instruments DLP™ technology/ 0.67" WUXGA DMD Chip	Texas Instruments DLP™ technology/ 0.65" WXGA DMD Chip
Native Resolution	Native: 1920 x 1200 (WUXGA) Support Computer signal up to WUXGA (1920 x 1200) 60Hz	Native: 1200 x 800 (WXGA) Support Computer signal up to UXGA (1600 x 1200) 60Hz
Brightness	5000 ANSI Lumens	5200 ANSI Lumens
Contrast Ratio	2000 :1	
Display Colors	1073 million colors	
Projection Lens	F# 2.46 ~ 2.56, f = 22.8 ~ 28.5(STD lens) manual zoom & focus	
Image Size	30 to 500 inches	
Throw Ratio	1.54 ~ 1.93 :1 (Projection distance/width) 1.25X STD Lens 1.93~ 2.89 :1 (Projection distance/width) 1.5X Long throw Lens 0.77 :1 (Projection distance/width) Fixed wide lens	1.62 ~ 2.03 :1 (Projection distance/width) 1.25X STD Lens 2.03~ 3.03 :1 (Projection distance/width) 1.5X Long throw Lens 0.81 :1 (Projection distance/width) Fixed wide lens
Keystone	± 40° Vertical, (± 20° Vertical in System)	
Aspect Ratio	16:10 Native, 4:3/16:9 Compatible	
Scan Rate	Horizontal : 15,31 ~ 90 kHz / Vertical : 50 ~85 Hz	
Computer Compatibility	UXGA, SXGA+,SXGA,XGA,SVGA,VGA Compression, VESA standards; PC & Macintosh compatible	
*3D Compatibility	Video:480i & HDMI 1.4b Blu-ray 3D Computer:1280x720/1024x768/800x600@120Hz	
I/O Connections	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	
Speaker	3W speaker	
Uniformity	85 %	
Noise	37 dB (STD mode)	
Lamp Life	3500 hrs (STD mode)/ 1500 hrs(Bright mode)	
Power Supply	Universal AC 100 ~ 240V, 50/60Hz @110VAC	
Dimensions(WxDxH)	430 x 340 x 183 mm	
Weight	8.6kg	

*Optoma reserves the right to change this brochure without prior notice, please refer to www.optoma.com for any change