

ES529 EX539 EW539

DLP® Projector

**Optoma**  
Always Brilliant

## 3D Projector Series with Powerful Features



The ES529/EX539/EW539 with 120Hz 3D-Ready technology is ideally partnered with a notebook and HD sources. Ceiling mounted or mobile this dual-purpose projector multi-tasks in both office, school and home environments.

The environmentally friendly ES529/EX539/EW539 has energy saving features including <1W standby mode and auto power off saving you both time and money. Long lamp-life of 6000hrs combined with our unique Optoma Color and Imager guarantees ensure hassle-free, long-lasting projection.

- **3D 120Hz 3D Ready, DLP® Link™ enabled**
- **Digital and Analogue connectivity includes: HDMI, VGA**
- **Low ownership costs – up to 6000hrs lamp life**
- **RS232 for meeting room control systems**
- **Environmentally friendly design <1W standby mode**
- **DLP® filter-free design – easy maintenance**
- **Customized start-up logo**



ES529/EX539



EW539



### 3D TECHNOLOGY

Using the inherent speed of DLP technology, The Optoma 3D projectors can output video and images at an astonishing rate of 120Hz, allowing you to show full screen, full color, stereoscopic 3D. 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.

### ENVIRONMENTALLY FRIENDLY

The ES529/EX539/EW539 incorporates energy saving features to conserve power and extend the lamp life:

★ The timer control functions can automatically switch the projector off to standby mode <1W, conserving power and extending the lamp life to an astonishing 6000 hours.

★ It takes less than 10 seconds for the projector to power up and shutdown, so the projector not only saves time but energy too.

### TRUE HDMI

Project crystal clear images using the latest HDMI v1.3 input. Hassle-free projection from a widescreen computer/HD source with a single HDMI cable – no need for separate audio cables.

\* ES529 is the first Optoma SVGA projector equipped with HDMI output.

### Black and Silver Control Panel Design



ES529 / EX539



EW539

SPECIFICATIONS	ES529	EX539	EW539
<b>Native Resolution</b>	800 X 600 (SVGA)	1024 X 768 (XGA)	1280 X 800 (WXGA)
<b>Display Technology</b>	Texas Instruments DLP® technology 0.55" SVGA DMD Chip	Texas Instruments DLP® technology 0.55" XGA DMD Chip	Texas Instruments DLP® technology 0.65" WXGA DMD Chip
<b>Brightness</b>	3000 ANSI Lumens		
<b>Contrast</b>	3000 :1		
<b>Noise Level</b>	28 dB		
<b>Lamp Life</b>	6000 Hrs (STD mode) / 3000 Hrs (Bright mode)		
<b>Projections Lens</b>	F# 2.41~2.55, f = 21.8 ~23.98 mm; 1.1x manual zoom / focus lens.		F# 2.5~2.67, f = 21.86 ~23.98 mm; 1.1x manual zoom / focus lens
<b>Throw Ratio</b>	1.95 ~ 2.15 :1		1.55 ~ 1.7 :1
<b>Projection Distance</b>	1.0m ~12m		
<b>Image Size</b>	22.9 ~ 302.85" (4:3)		27.31 ~ 359" (16:10)
<b>Dimensions (W x D x H)</b>	286 X 192 X 97 mm		
<b>Weight</b>	2.49 kg		
<b>INPUTS / OUTPUT Connections</b>	HDMI, VGA in, S-Video, Composite Video, Audio input, Audio output, VGA output, RS-232 control interface		
<b>Aspect Ratio</b>	4:3 Native, 16:9 Compatible		16:10 Native, 4:3 & 16:9 Compatible
<b>Speaker</b>	2W speaker X 1		
<b>Keystone Correction</b>	±40° Vertical		
<b>Compatible Resolutions</b>	UXGA, SXGA+, SXGA, XGA, SVGA, VGA Compression, VESA standards, PC & Macintosh compatible		
<b>Video Compatibility</b>	HDTV (720p, 1080i/p), SDTV (480i/p, 576i/p) Full NTSC, PAL PAL-M, PAL-N, SECAM,		
<b>Uniformity</b>	80 %		
<b>Displayable Colors</b>	1073.4 million colors (10bit)		
<b>Scan Rate</b>	Horizontal : 15.3 ~ 91.1KHz, Vertical : 24 ~ 85 Hz		
<b>Power Supply</b>	Universal AC 100 ~ 240V, 50/60Hz		
<b>3D Ready</b>	Video Signal : 480i, Computer Signal : 1280 X 720/1024 X 768/800 X 600@120Hz Compatible with 3D-XL		

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

### Projection Distance

#### ES529 / EX539

Projection Distance (M)	1.5	3	5	9	10	12	
Screen Size 4:3 (inch)	Max	37.9	75.7	126.2	227.1	252.4	302.9
	Min	34.3	68.7	114.5	206.0	228.9	274.7

#### EW539

Projection Distance (M)	1.5	3	5	9	10	12	
Screen Size 16:10 (inch)	Max	44.9	89.9	149.8	269.6	299.5	359.4
	Min	41.0	81.9	136.6	245.8	273.1	327.7

### Exceptional Connectivity / Multiple Terminals

1. VGA-IN
2. VGA-OUT
3. HDMI
4. S-Video
5. Video
6. RS-232
7. Audio In
8. Audio Out



\*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 © 2011, 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.