

# Time to Unleash your Vision in a Limited Budget



What more can I say.... Optoma **ES526/EX536** are simply born to redefine the standard for DLP entry-level multimedia projectors.

Featuring 2800 lumens & 3000:1 contrast ratio, a significant boost you can never find in this class before, **ES526/EX536** assure you a true new value that far exceeds your expectation in every aspect.

## Texas Instruments DarkChip3 DLP Technology

Incorporated with Texas Instruments' latest & most advanced DarkChip3 DMD

## 2800 ANSI Lumens & 3000:1 Native High Contrast

Brilliant optical design makes ES526/EX536 exceptional in providing high brightness & crystal-clear native high contrast

## 1.07 Billion Display Colors

Incorporated with Texas Instruments' latest DDP2430 scaler to realize true 10-bit signal processing

## Utmost Display Resolution Support

Data: up to UXGA (1600x1200) @ 60Hz / Video: up to 1080p (HD Ready)

## 6 Default Display Modes + 2 User Adjustable Modes

Presentation / Bright / sRGB / Movie / Blackboard / Classroom + 2 User Modes to cater for all possible operation environments

## Smart Power Saving Designs

Sleep timer / Auto shutdown while no input signal/Standby power < 1 watt

## Enhanced Security Functions

Security bar+Keypad Lock+Password for theft deterrent and to prevent from unauthorized usage

## Unsurpassed Product Quality/ Reliability

- 5-year imager guarantee
- Long-life lamp (3000/4000 hrs)
- Hassle free / filter free / minimum maintenance required
- Lowest cost of ownership

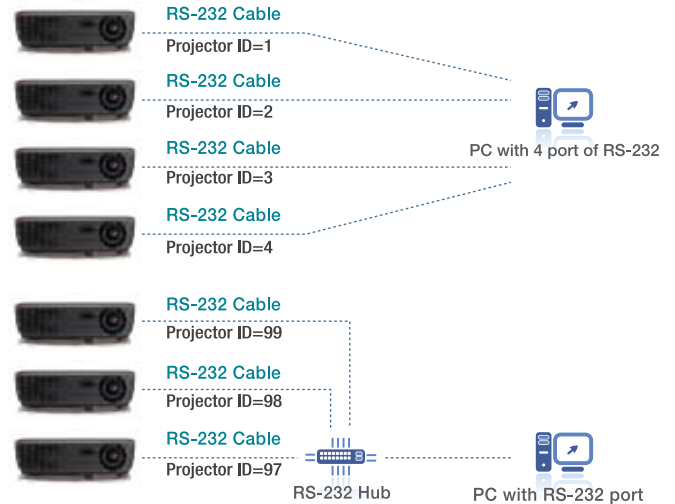


Specification	ES526	EX536
<b>Display Technology</b>	TI DLP® 0.55" SVGA DC3 DMD Chip	TI DLP® 0.55" XGA DC3 DMD Chip
<b>Resolution</b>	Native: SVGA (800x600) Max: UXGA (1600x1200) 60Hz	Native: XGA (1024x768) Max: UXGA (1600x1200) 60Hz
<b>Brightness (typical)</b>	2800 ANSI Lumens	
<b>Contrast Ratio</b>	3000:1	
<b>Displayable Colors</b>	1.07 Billion colors	
<b>Projection Lens</b>	F# 2.41 ~ 2.55, f = 21.8 ~ 23.98mm; 1.1x Manual Zoom / focus lens	
<b>Projection Image Size</b>	22.9 ~ 302.85 inches	
<b>Projection Distance</b>	1.0-12 meters	
<b>Throw Ratio</b>	1.95 ~ 2.15:1 (distance/screen width)	
<b>Keystone Correction</b>	± 40° (vertical)	
<b>Aspect Ratio</b>	4:3 Native, 16:9 Compatible	
<b>Scan Rate</b>	Horizontal: 15.3~ 91.1KHz; Vertical: 24 ~ 85 Hz	
<b>PC Compatibility</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>Input Connections</b>	-VGA (VGA/YPbPr/RGB/SCART) x 1 -S-Video x 1-Composite x 1-Audio x 1	-VGA (VGA/YPbPr/RGB/SCART) x 2 -S-Video x 1-Composite x 1-Audio x 1
<b>Output Connections</b>	-Audio x 1-VGA output for monitor loop through x1	-Audio x 1-VGA output for monitor loop through x1
<b>Control Functions</b>	-RS232 x1-IR receiver (Front & Top) x 2	-RS232 x1-IR receiver (Front & Top) x 2
<b>Uniformity</b>	85 %	
<b>Lamp Type</b>	185-watt replaceable lamp	
<b>Estimated Lamp Life</b>	4000 hours (STD mode) / 3000 hours (Bright mode)	
<b>Speaker</b>	2W speaker x1	
<b>Power Supply</b>	Universal AC input 100 ~ 240V; 50/60 Hz	
<b>Weight</b>	2.3 kg / 5.0 lbs	
<b>Operational Noise</b>	28dB(STD mode)	
<b>Dimensions (WxDxH)</b>	286mm x 192mm x 97mm	

Projection Distance (meter) / Image Size (4:3 diagonal inch)		
ES526/EX536		
Projection Distance	Minimum Image	Maximum Image
1.5	34.3	37.9
2.0	45.8	50.5
3.0	68.7	75.7
4.0	91.6	101.0
5.0	114.5	126.2
12.5	286.1	315.5

## Remote Management

Control plural ES526/ EX533 by wire via RS-232 hub or directly with projector ID in ES526/EX536



## 5-Year Color Guarantee & 5-Year Imager Guarantee

We are so confident that the ES526/EX536 colors will not fade that we guarantee the colors will remain vibrant and vivid, even after many years of use.

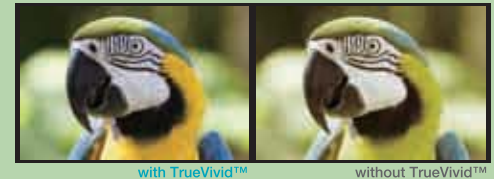


The large screen experience demands sharp, flawless images with instant impact and lasting crystal clear pictures. To retain image clarity, Optoma projectors are designed with DLP® technology, preventing degradation over time and consistent pixel performance. The Imager Guarantee ensures a precise picture performance for a minimum of five years.



## True Vivid™ Technology

Optoma proprietary TrueVivid™ color enhancement technology affords better balanced chrominance and luminance for life-like colors, giving the viewer the ultimate visual experience.



## BrilliantColor™ -II

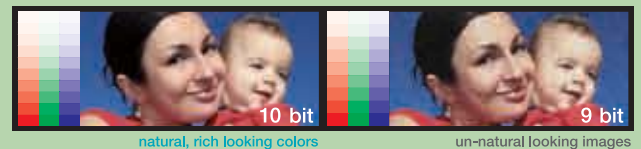


BrilliantColor™ is a Texas Instruments technology, which uses innovations in image processing to improve the optical efficiency of DLP® projection systems. BrilliantColor™ allows the usage of a more advanced image processing algorithm and enables the usage of more colors on the color wheel, than the standard Red, Green, Blue and White segments.

New BrilliantColor™-II technology enables higher brightness levels by boosting mid-tone colors, resulting in more vibrant, precisely accurate colours projected on the screen.

## 10 bit Color Processing

The new 10 bit color processing technology increases the number of colors that can be displayed from 134.2 million to over 1.07 billion, presenting more natural & vibrant pictures.



Available from: