



## *Impressive Performance with tremendous flexibility*

**Optoma PS/PX3166 Projector** brings all together the features that business presenters need, including 3600 ANSI lumens of brightness and 20,000:1 contrast ratio. This flexible projector lets presenters ensure effective presentations whenever they need; PS/PX3166 delivers detailed presentations that capture audiences and information with high impact. Educators and business users would be appreciated by the 3D capabilities, which supports use of the projector with emerging 3D content offerings.



**Medium Venue**  
PROJECTOR series

**Optoma**

## BrilliantColor™-II

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 colors projected on the screen.

## 3D Technology

Using the inherent speed of DLP® technology, PS/PX3166 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. PS/PX3166 supports multiple 3D formats from various devices such as PC, Blu-ray 3D™, Sony® PS3, Microsoft® Xbox 360 or 3D TV broadcast system.

## Flexible Installation

PS/PX3166 put its I/O connections on the side, allows user to place the projector against the wall; it gives more options for installation.

## Input/Output Connections

- |               |               |              |              |
|---------------|---------------|--------------|--------------|
| 01. S-VIDEO   | 02. VGA-OUT   | 03. VGA-IN 2 | 04. VGA-IN 1 |
| 05. VIDEO     | 06. AUDIO2-IN | 07. RS-232C  | 08. HDMI     |
| 09. AUDIO-OUT | 10. AUDIO1-IN | 11. USB      | 12. POWER    |

## High Contrast Ratio

This measurement technique includes a reproducible procedure that can be used to compare the performance of projectors using different display technologies. With an ANSI contrast ratio significantly higher than many LCD based projectors, PS/PX3166 produces a stunning 20,000:1 contrast ratio for pin sharp, crystal clear images. Crisper whites and ultra rich blacks bring the picture to life.

## Quick Resume

The function allows you to turn the power back on instantly. If the projector was turned off within 100 seconds by accident, this function allows the projector to boot up again instantly.



Specification	PS3166	PX3166
<b>Display Technology</b>	Texas Instruments DLP® technology/ 0.55" SVGA DMD Chip	Texas Instruments DLP® technology/ 0.55" XGA DMD Chip
<b>Native Resolution</b>	Native: 800x600 (SVGA) Support Computer signal up to UXGA (1600 x 1200) 60Hz	Native: 1024x768 (XGA) Support Computer signal up to UXGA (1600 x 1200) 60Hz
<b>Brightness / Contrast Ratio</b>	3600 ANSI Lumens / 20000 :1	
<b>Display Colors</b>	1073.4 million colors (10bit)	
<b>Projection Lens</b>	F=2.41~2.55 ; f = 21.8~23.98 mm; 1.1x manual zoom / focus lens	
<b>Image Size</b>	25 to 250 inch	
<b>Projection Distance</b>	1m ~12m	
<b>Throw Ratio (Projection distance/width)</b>	1.95 ~ 2.15 :1	
<b>Digital Keystone Correction</b>	±40° Vertical	
<b>Aspect Ratio</b>	4:3 Native, 16:9 Compatible	
<b>Scan Rate</b>	Horizontal : 15.375 ~ 91.146 KHz; Vertical :24 ~ 85 Hz (120Hz for 3D feature)	
<b>Computer Compatibility</b>	UXGA, SXGA+,SXGA ,SVGA,VGA Compression, VESA standards, PC & Macintosh compatible	
<b>Video Compatibility</b>	Full NTSC, PAL PAL-M, PAL-N, SECAM	
<b>Input / Output Connections</b>	VGA in x2, VGA Out x1, S-Video x1, Composite Video x1, HDMI x1, Audio Input x2, Audio output x1, RS-232 x1, USB Type B x1	
<b>Uniformity</b>	85 %	
<b>Speaker</b>	2W	
<b>Noise</b>	29 dB	
<b>Lamp Life</b>	Maximum 8500 Hrs (Dynamic mode)	
<b>Power Supply</b>	Universal AC 100 ~ 240V± 10%,50/60Hz	
<b>Dimensions (WxDxH) / Weight</b>	319 x 229 x 89 mm / 2.5 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 © 2015, 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.