PS/PX3166

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.

DLP TEXAS INSTRUMENTS · trueVivid · HDTV COMPATIBLE · 3D · HDMI HIGH DEFINITION MULTIMEDIA INTERFACE

Medium Venue
PROJECTOR series

Optoma

PS/PX3166

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
Display Technology	Texas Instruments DLP® technology/ 0.55" SVGA DMD Chip	Texas Instruments DLP® technology/ 0.55" XGA DMD Chip
Native Resolution	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
Brightness / Contrast Ratio	3600 ANSI Lumens / 20000 :1	
Display Colors	1073.4 million colors (10bit)	
Projection Lens	F=2.41~2.55 ; f = 21.8~23.98 mm; 1.1x manual zoom / focus lens	
Image Size	25 to 250 inch	
Projection Distance	1m ~12m	
Throw Ratio (Projection distance/width)	1.95 ~ 2.15 :1	
Digital Keystone Correction	±40° Vertical	
Aspect Ratio	4:3 Native, 16:9 Compatible	
Scan Rate	Horizontal : 15.375 ~ 91.146 KHz; Vertical :24 ~ 85 Hz (120Hz for 3D feature)	
Computer Compatibility	UXGA, SXGA+,SXGA ,SVGA,VGA Compression, VESA standards, PC & Macintosh compatible	
Video Compatibility	Full NTSC, PAL PAL-M, PAL-N, SECAM	
Input / Output Connections	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	
Uniformity	85 %	
Speaker	2W	
Noise	29 dB	
Lamp Life	Maximum 8500 Hrs (Dynamic mode)	
Power Supply	Universal AC 100 ~ 240V± 10%,50/60Hz	
Dimensions (WxDxH) / Weight	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 for any change