S/X/W2015

Optoma
Always Brilliant

Superb 3D Performance brings out smily faces

Optoma S/X/W2015 Projector inspires audience with 3D projection. Featuring 3,000 / 3,200 (W2015) ANSI lumens and 15,000:1 contrast ratio ensure remarkable performance with quality images. S/X/W2015 provides the most compelling visual experience within the filter-free, low maintenance design and the unique color and image quarantees ensure hassle free, long lasting projection. The Eco+ technology brings together superb performance, efficient lamp life and energy saving features that are easy to use and save both time and money. Additionally, both presenters and viewers will be beneficial from the 3D capability, which allows you to show full screen, full color, stereoscopic 3D.

Features
- **3,000 / 3,200 (W2015) ANSI lumens**
- **15,000:1 high contrast ratio**
- **Dust Filter Design**
- **3D Compatibility**
- **Up to 6,500h lamp life and 70% energy saving**(Eco+ Mode)
- **Individual color adjustment** (R,G,B Gain/Bios)

DLP TEXAS INSTRUMENTS | 3D | HDMI HIGH DEFINITION MULTIMEDIA INTERFACE V1.4a with DeepColor | truevivid | Eco+

S/X/W2015

High contrast ratio for sharp images

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, S/X/W2015 produce a stunning 15,000:1 contrast ratio for pin sharp, crystal clear images. Crisper whites and ultra rich blacks bring the picture to life.

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.

6 Segments Color Wheel

Produces 3X Color Wheel Rotation Speed projectors support PAL video signals in movie mode, which operate at only 50 Hz frequency. Under this low frequency, projector increases the speed of the color wheel rotation from 2X (7200 rpm) to 3X (10800 rpm) resulting in consistent colors and seamless video playback.

Eco⁺ Technology

Eco+ technology from Optoma increases our commitment to reduce the impact we all make on the environment. Eco+ technology reduces the power consumption to as little as 30%. This intelligent feature also has a positive effect on the lamp life, increasing it up to 70% while lowering the total cost of ownership and reducing maintenance.

Longer lamp life
With Eco+ technology, the lamp life will be increased up to 6500 hours. It lowers the total cost of ownership and maintenance.

Greater lamp efficiency
This intelligent feature adjusts the brightness of the lamp by detecting darkness from the image, also has a positive effect on the lamp life; increasing it up to 70% while lowering the total cost of ownership and reducing maintenance.

Lower energy consumption
Set the projector in Eco+ mode and turn on the auto power off feature, enabling the <0.5W standby mode ensures the minimum energy consumption to 10% when the projector is not switched on.

Input / Output Connections

01. AUDIO IN
02. S-VIDEO
03. VGA1/YPbPr
04. VGA-OUT
05. HDMI
06. RS232C
07. SERVICE
08. KENSINGTON™ LOCK
09. AUDIO OUT
10. VIDEO
11. VGA2/YPbPr

S2015   *X2015*   *W2015*

Specification	S2015	X2015	W2015
Display Technology	TI DLP® technology / 0.55" SVGA DMD Chip	TI DLP® technology / 0.55" XGA DMD Chip	TI DLP® technology / 0.65" WXGA DMD Chip
Native Resolution	Native: 800x600 (SVGA) Support Computer signal up to UXGA (1600x1200) 60Hz	Native: 1024x768 (XGA) Support Computer signal up to UXGA (1600x1200) 60Hz	Native: 1280x800 (WXGA) Support Computer signal up to UXGA (1600x1200) 60Hz
Brightness / Contrast Ratio	3,000 ANSI Lumens / 15,000 :1	3,000 ANSI Lumens / 15,000 :1	3,200 ANSI Lumens / 15,000 :1
Display Colors	1073.4 million colors (10bit)	1073.4 million colors (10bit)	1073.4 million colors (10bit)
Projection Lens	F=2.51~2.69 ; f = 21.95~24.18 mm; 1.1x manual zoom / focus lens.	F=2.51~2.69 ; f = 21.95~24.18 mm; 1.1x manual zoom / focus lens.	F=2.57~2.84 ; f = 21~25.6 mm; 1.2x manual zoom / focus lens.
Image Size	30 to 300 inch	30 to 300 inch	30 to 300 inch
Projection Distance	1.2m ~10m	1.2m ~10m	1.2m ~10m
Throw Ratio (projection distance / width)	1.97 ~ 2.17 :1	1.97 ~ 2.17 :1	1.47 ~ 1.83 :1
Digital Keystone Correction	±40° Vertical (system)	±40° Vertical (system)	±40° Vertical (system)
Aspect Ratio	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible	16:10 Native, 4:3;16:9 Compatible
Scan Rate	Horizontal: 15.375~91.146 KHz Vertical: 24~85 Hz (120Hz for 3D feature)	Horizontal: 15.375~91.146 KHz Vertical: 24~85 Hz (120Hz for 3D feature)	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	UXGA, SXGA+, SXGA, SVGA, VGA Compression, VESA standards, PC & Macintosh compatible	UXGA, SXGA+, SXGA, SVGA, VGA Compression, VESA standards, PC & Macintosh compatible
Video Compatibility	HDTV(720p,1080i/p), SDTV(480i/p,576i/p), Full NTSC,PAL PAL-M,PAL-N,SECAM	HDTV(720p,1080i/p), SDTV(480i/p,576i/p), Full NTSC,PAL PAL-M,PAL-N,SECAM	HDTV(720p,1080i/p), SDTV(480i/p,576i/p), Full NTSC,PAL PAL-M,PAL-N,SECAM
Input / Output Connections	HDMI 1.4a x 1, VGA in x2, VGA Out x1, S-Video x1, Composite Video x1, Audio Input x2, Audio output x1, RS-232 control interface x1(9 Pin) , USB Type B x 1	HDMI 1.4a x 1, VGA in x2, VGA Out x1, S-Video x1, Composite Video x1, Audio Input x2, Audio output x1, RS-232 control interface x1(9 Pin) , USB Type B x 1	HDMI 1.4a x 1, VGA in x2, VGA Out x1, S-Video x1, Composite Video x1, Audio Input x2, Audio output x1, RS-232 control interface x1(9 Pin) , USB Type B x 1
Uniformity	85 %	85 %	85 %
Speaker	2W x 1	2W x 1	2W x 1
Noise	31 dB (Bright mode) / 34 dB (within dust filter)	31 dB (Bright mode) / 34 dB (within dust filter)	31 dB (Bright mode) / 34 dB (within dust filter)
Lamp Type	190 watt user-replaceable lamp	190 watt user-replaceable lamp	190 watt user-replaceable lamp
Lamp Life	6500 Hrs (Eco mode) / 4500 Hrs(Bright mode)	6500 Hrs (Eco mode) / 4500 Hrs(Bright mode)	6500 Hrs (Eco mode) / 4500 Hrs(Bright mode)
Power Supply	Universal AC 100~240V ±10%, 50/60Hz	Universal AC 100~240V ±10%, 50/60Hz	Universal AC 100~240V ±10%, 50/60Hz
Dimensions(WxDxH) / Weight	316 x 224 x 124 mm / 2.2kg (4.85 lbs)	316 x 224 x 124 mm / 2.2kg (4.85 lbs)	316 x 224 x 124 mm / 2.2kg (4.85 lbs)

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