

# SVGA PROJECTION S321



## ENTRY LEVEL SVGA



**Bright SVGA Projection with 3200 Lumens and 22000:1 contrast ratio**



**Entry level I/O: VGA-In, Composite-In, and USB-A Power**



**sRGB display profile dazzles with REC.709b color accuracy**



**Wall Color Adjustment adjusts the gamma output to match the color of the projection surface**



**Hide jagged and soft edges with Edge Mask**



**10000-hour lamp life enables low cost of ownership**



**Full 3D**



The Optoma S321 is an entry-level SVGA projector for small classrooms, multi-purpose use, and emerging markets. Powered by 3200 lumens and 22000:1 contrast ratio, the S321 impresses with bright images, rich colors, and deep blacks. Wall Color Adjustment utilizes different gamma profiles to improve brightness on projection surfaces of varying color while Edge Mask eliminates soft and jagged edges projected image borders to produce a smooth, consistent image.

The S321's lightweight chassis and VGA input is perfect for meetings around the office or in the field. Extended lamp life performance translates to nearly 7 years of usage before the S321 requires a lamp change thus helping to keep overall cost of ownership to a minimum. Support for the sRGB color space profile enables rich accurate color based on the primaries of REC.709b HDTV specification when used with a PC, Mac, or any sRGB compatible source.

## CONNECTIVITY (May require optional accessories)



Computers



Smart  
Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

## SVGA PROJECTION— S321

### OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.55" DC3 DMD DLP® Technology by Texas Instruments™
<b>Native Resolution</b>	800x600 SVGA
<b>Max. Resolution</b>	1600x1200 UXGA
<b>Brightness</b>	3200 Lumens
<b>Contrast Ratio</b>	22000:1
<b>Displayable Colors</b>	1.07 billion
<b>Lamp Life and Type*</b>	10000/8000/7000/6000/5000 - EDU/ECO+/ Dynamic/ECO/Bright
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±40° Vertical
<b>Uniformity</b>	80%
<b>Offset</b>	115%±5%
<b>Aspect Ratio</b>	4:3 (native), auto, 16:9
<b>Throw Ratio</b>	1.94 - 2.16
<b>Projection Distance</b>	3.28'-32.8' (1.0-10 m)
<b>Image Size</b>	27.7" - 304.4"
<b>Projection Lens</b>	F=2.41~ 2.53, f=21.85 ~ 24 mm manual focus
<b>Optical Zoom</b>	1.1x
<b>Digital Zoom</b>	0.8 - 2.0
<b>Audio</b>	2W Mono Speaker
<b>Noise Level</b>	29dB
<b>Remote Control</b>	Full Function Card Sized Remote
<b>Operating Room Temperature</b>	41–104°F (5–40°C), 85% max humidity
<b>Power Supply</b>	AC input 100–240V, 50–60Hz, auto-switching
<b>Power Consumption</b>	230W Typical (Bright mode), 253W Max (Bright mode), 190W Typical (Eco mode), 209W Max (Eco mode)
<b>High Altitude</b>	Operating Temp @ Sea Level to 10000 feet = 23C (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

### COMPATIBILITY SPECIFICATIONS

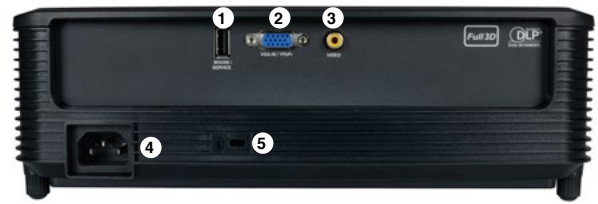
<b>Computer Compatibility</b>	WUXGA, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac
<b>Video Input Compatibility</b>	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
<b>3D Compatibility†</b>	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye). 3D glasses are needed and are sold separately. Refer to user manual for details.
<b>Vertical Scan Rate</b>	24–85Hz, 120Hz
<b>Horizontal Scan Rate</b>	15.375–91.146KHz
<b>User Controls</b>	Complete on-screen menu adjustment in 26 languages
<b>I/O Connection Ports</b>	VGA-In, Composite Video, USB-A Mouse/Service
<b>Loop Through (Audio)</b>	No

### PHYSICAL SPECIFICATIONS

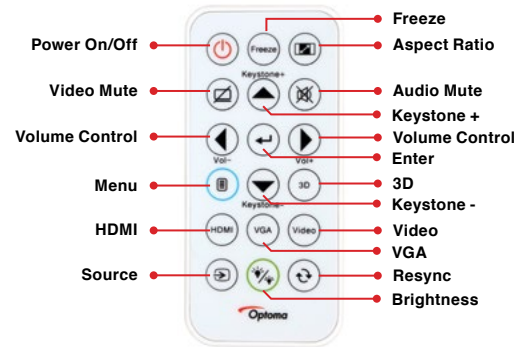
<b>Security</b>	Kensington® lock port, security bar, keypad lock
<b>Weight</b>	4.0 lbs.
<b>Dimensions (W x H x D)</b>	11.73" x 3.79" x 9.05"

\*Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

†3D content can be viewed with DLP® Link active shutter glasses when projector is used with a compatible 3D player. Please visit [www.OptomaUSA.com](http://www.OptomaUSA.com) for more information.



1. USB Mouse/Service 2. VGA-In 3. Video 4. Power 5. Kensington Lock



### Warranty

1 Year Warranty/90 Days Lamp

### In the Box (Standard Accessories)

S321 projector, AC power cord, VGA to VGA cable, remote control, carrying case, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

### Optional Accessories

Universal ceiling mount, DLP@Link™ 3D glasses, Wireless HDMI system, Lamp, Remote

### Accessory Part Numbers

Lamp: BL-FU195A Remote: BR-3079N  
DLP@Link™ 3D glasses: ZD302 Wireless HDMI system: WHD200  
Universal ceiling mount: OCM818B-RU Universal ceiling mount: BM-5001U  
Universal ceiling mount (with extensional pole): OCM815B

UPC 796435 44 006 0

[www.OptomaUSA.com](http://www.OptomaUSA.com)

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