

## S321

## Bright, vibrant and portable

- Bright SVGA projector – 3200 ANSI lumens
- Accurate colours - sRGB
- Low ownership costs - up to 10,000 hours<sup>2</sup> lamp life
- Lightweight and portable



# S321

Project bright vibrant presentations effortlessly any time on day. Designed for meeting rooms and classrooms, the S321 boasts sRGB accurate true to life colour reproduction, long lamp life and energy-saving features to provide you with a low overall cost of ownership.

This projector can be easily connected to a PC or laptop to give you a clear projected image. Portable and lightweight projector can be installed or taken on the move for off-site meetings with the optional carry bag (sold separately).

## Amazing colours

For vibrant, natural looking images, Optoma projectors incorporate BrilliantColor™ multi-colour processing technology. This projector also conforms to sRGB standard to produce the most realistic true to life colours possible.



## Eco+



**Eco+ technology brings together high contrast, improved lamp life and energy saving features that are easy to use while reducing power consumption.**

## Energy saving

Using the specially designed lamp modes, you can reduce the power consumption by up to 70%. Each mode also has a positive effect on the lamp life, while lowering the total cost of ownership and reducing maintenance.

## High contrast

Add more depth to your image with a high contrast projector; with brighter whites and ultra-rich blacks, images come alive and text appears crisp and clear - ideal for business and education applications.



## 3D Ready

Optoma 3D Ready projectors can output video and images at an astonishing rate of 120Hz, allowing you to show full screen, full colour, stereoscopic 3D; perfect for business and education applications.

## Eco AV mute

Stay in control of your presentation with Eco AV mute. Direct your audience's attention away from the screen by blanking the image when no longer needed. This also reduces the power consumption by up to 70%, further prolonging the life of your lamp.

## Wireless presenting (optional extra)

Making presentations couldn't be easier using the optional wireless features of the WPS Wireless Adapter (sold separately) - you can connect and display presentations wirelessly from a laptop, PC or mobile device.

## Quick resume

This feature allows the projector to be instantly powered on again, if it is accidentally switched off.

## Auto power off

There may be instances when the projector is left running when not in use. To help save energy, the "Auto Power Off" feature automatically turns off the projector after a set period of time if it is not being used.

## Long lamp life

Reduce the number of lamp changes with lamp life of up to 10,000 hours<sup>2</sup> using the Education Cycle.

## Colour guarantee

Enjoy dazzling colours for years to come; guaranteed by Optoma for five years' consistent performance.



## S321 Specification

Display Technology	Single 0.55" SVGA DC3 DMD chip DLP® Technology by Texas Instruments
Native Resolution	SVGA 800 x 600
Brightness <sup>1</sup> (Bright Mode)	3200 ANSI Lumens
Contrast	22,000:1
Lamp Life <sup>2</sup> Eco+/Dynamic/Eco/Bright/Education cycle	8000/7000/6000/5000/10000 (hrs)
Throw Ratio	1.94 - 2.16:1
Zoom Type	1.1x Manual
I/O Connectors	VGA (YPbPr/RGB), Composite, USB mouse/service
Keystone Correction	± 40° Vertical
Weight (kg)	2.17
Dimensions (W x D x H) (mm)	298 x 230 x 96.5
Aspect Ratio	4:3 Native, 16:9 Compatible
Offset	115%
Projection Screen Size	0.71 - 7.73m (27.78" - 304.4") Diagonal 4:3
Projection Distance	1.2 - 12 metres
Projection Lens	F/2.4 – 2.53; f=21.85 – 24.01mm
Uniformity	75%
Computer Compatibility	FHD, HD, WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Compatibility	PAL (B, D, G, H, I, M, N, 4.43MHz), NTSC (M, J, 3.58MHz, 4.443MHz), SECAM (B, D, G, K, K1, L, 4.25MHz, 4.4MHz, 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz) 1080p(24/50/60Hz)
3D Support	3D Ready - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems.
3D Compatibility	Side-by-Side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz (120Hz for 3D)
Displayable Colours	1073.4 Million
Noise Level (Eco mode)	29dB
Power Supply	100-240V, 50-60Hz
Power Consumption	225W Bright mode / 187W Eco mode (< 0.5W Standby)
Lamp Type	195W
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Security	Security bar, Kensington lock, password protection
On Screen Display	26 Languages: English, German, French, Italian, Spanish, Portuguese, Swedish, Dutch, Norwegian/Danish, Polish, Russian, Finnish, Greek, Hungarian, Czech, Arabic, Traditional Chinese, Simplified Chinese, Japanese, Korean, Thai, Turkish, Farsi, Vietnamese, Romanian, Indonesian
Standard Accessories	AC power cord, VGA cable, remote control, battery, quick start card, CD user manual
Optional Accessories	DLP® Link™ 3D glasses, wireless, ceiling mount
Optional Wireless	Yes
RoHS	Compliant