

S31 DLP® Projector

Designed for smaller meeting rooms and classrooms, the Optoma S31 is an economical yet high performance choice, incorporating all the benefits of DLP® technology.

With a bright 2800L, your presentations and graphics will project clearly even in ambient lighting conditions. Whether you're a technical expert or a novice, the projector is quick and easy to set up using the handy remote control.

Your projector is designed with the environment in mind. With energy saving features and a long lamp-life of 6500 hours, it saves you both time and money. Combine that with our unique 5 year Optoma colour guarantee and you're sure of hassle-free, long lasting projection.

The S31 comes with a comprehensive selection of accessories including a remote control, power cord and VGA cable so you have everything you need to get started. It is also supplied with a convenient carry bag, making it easy to transport the S31 between meetings.

3D projection in the smallest rooms

-  2800 ANSI Lumens
-  Native SVGA Resolution
-  BrilliantColor technology – bright, vibrant project images
-  Low ownership costs – up to 6500 hours lamp life
-  Remote control
-  Portable, Carry bag included
-  Kensington Lock & Password Security – extra security for your projector



S31 SPECIFICATIONS

Display Technology	Single 0.55" SVGA DC3 DMD chip DLP® Technology by Texas Instruments
Native Resolution	SVGA 800 x 600
Brightness - BRIGHT mode ¹	2800 ANSI Lumens
Contrast	15,000:1
Noise Level	28dB (min)
Weight	2.13 kg
I/O Connectors Inputs:	15 Pin D-sub (RGB/YPbPr/SCART), S-Video, Composite
Control:	RS232
Preset Mode	PC: For computer or notebook (Brightest image) Movie: Maximum contrast and Colour accuracy Game: Bright vivid colour sRGB: For Standard PC Colour (Best Colour Reproduction) User: Memorises user's settings
Maximum Resolution	UXGA 1600 x 1200
Computer Compatibility	UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
Displayable Colours	1.07 Billion
Projection Lens	F/2.41~2.55; f=21.8~24mm, 1.1x Manual Zoom
Throw Ratio	1.95 - 2.15:1
Projection Screen Size	0.70 – 7.70m (27.49" - 303.12") Diagonal 4:3
Projection Distance	1.2 - 12 metres
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz
Lamp Type/Lamp Life ²	190W, 6500/6000/5000 hours (Eco*/ECO/BRIGHT mode)
Keystone Correction	± 40° Vertical
Dimensions (W x D x H)	286 x 192 x 84mm
Remote Control	Full function remote with direct source selecting
Power Supply	100-240V, 50-60Hz
Power Consumption	233W BRIGHT mode < 0.5W Standby mode, 207W STD mode < 0.5W Standby mode
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformity	80%
Security	Kensington Lock, Password Protection
Standard Accessories	Carry Bag, AC Power Cord, VGA Cable, Infra Red Remote Control with Batteries, Quick Start Card, CD User Manual, Warranty Card
Optional Accessories	Ceiling Mount Kit
RoHS	Compliant
3D Support	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 Viewing	Requires the Optoma DLP-Link shutterglasses - available separately.
3D Compatibility	Side-by-Side: 1080i50 / 60, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Offset	115%

Optoma Accessories	
Projector Wall Mount - Part number: OPCWM835	
	Wall mount for the S31 Telescopic mount with height adjustment plate for versatile installation. Maximum projector image of 97" diagonal with the S31.
Lamp - Part number: 23.8BW15G004	
	Optoma genuine lamp modules are designed and tested to work specifically with your Optoma projector to ensure quality, good performance and longevity.

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¹Brightness will vary depending on the selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. ²Typical lamp life achieved through testing and will vary according to operational use and environmental conditions. Copyright © 2013, Optoma Europe Ltd. All other product names and company names used herein are for identification 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. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product, product specifications or product images without notice. Some images may be simulated.

EASY TO USE REMOTE CONTROL

S29 Remote Control

- 1 Power
- 2 Vertical Keystone Correction
- 3 Volume Control
- 4 Brightness Adjustment
- 5 Digital Zoom
- 6 Contrast Adjustment
- 7 AV Mute
- 8 Freeze
- 9 Direct Input Source Selection



S29 Connections

- 10 RS232 - 3 Pin
- 11 VGA - SCART & Component
- 12 S-Video
- 13 Video
- 14 Kensington™ Lock

Exceptional Connectivity / Multiple Terminals



S31 distance Table aspect ratio 4:3					
Projection Distance (m)	Horizontal Image Size (m)	Vertical Image Size (m)	Diagonal Image Size (m)	Diagonal Image Size (inch)	Image Offset (m)
1.20	0.62	0.46	0.77	30.31	0.07
2.00	1.03	0.77	1.28	50.52	0.12
2.50	1.28	0.96	1.60	63.15	0.14
3.00	1.54	1.16	1.92	75.78	0.17
4.00	2.05	1.54	2.57	101.04	0.23
5.00	2.56	1.93	3.21	126.30	0.29
6.00	3.08	2.31	3.85	151.56	0.35
7.00	3.59	2.70	4.49	176.82	0.40
8.00	4.10	3.08	5.13	202.08	0.46
9.00	4.62	3.47	5.77	227.34	0.52
10.00	5.13	3.86	6.42	252.60	0.58
11.00	5.64	4.24	7.06	277.86	0.64
12.00	6.15	4.63	7.70	303.12	0.69

For guide purposes only

S31 is capable of 16:9 aspect ratio projection. When projecting a 16:9 image the image sizes, screen height and offset information will differ from the above.

