

Stand out from the crowd...



The DS309 not only offers fantastic looks and style but also great performance. Super-bright 2000 lumens and great SVGA picture quality with striking realistic colour enhances powerful business presentations and enticing home videos.

- 2000 lumens to highlight presentations to the finest detail
- Designer styling: light, compact at 2kg and as versatile on the move as when installed
- Optoma Colour Enhancement Technology and 2000:1 contrast gives exceptional colour to create crystal clear presentations and video - **Optoma 10 Year Colour Guarantee**
- Digital and Analogue connectivity, capability includes: DVI, HDMI, 2 x VGA
- Auto power-off feature shuts down the projector when not in use, saving power and increasing lamp life
- Filter-free design for lower maintenance costs

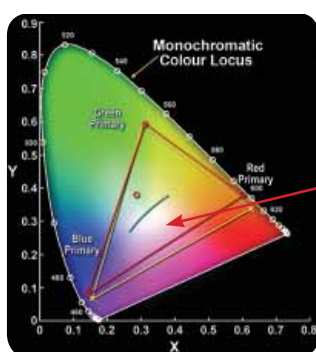
Easy to use:

- Fully featured remote control with laser pointer and mouse control
- 5 preset picture modes to adjust the settings to match a variety of different applications
- 15 second start-up and cool down time to reduce both time and money in energy use

- Extensive RS232 Command list for AV installations
- Password Security for added Protection
- Long Lamp Life - 3000 hours standard

Optoma Colour Enhancement Technology maximises colour accuracy for deeper saturated colours

Optoma guarantees colour quality will remain as new for 10 years*



Optoma Colour Enhancement Technology



DS309 Remote Control

- 1 Laser
- 2 Remote Mouse
- 3 Vertical Keystone Correction
- 4 Volume Control
- 5 Brightness Adjustment
- 6 AV Mute
- 7 Direct Input Source Selection

DS309 Connections

- 8 VGA Loop through
- 9 VGA In - Component & SCART via adaptor
- 10 DVI-I - HDMI and 2nd VGA via adaptor
- 11 S-Video - Composite via adaptor
- 12 Audio In
- 13 RS232
- 14 USB (remote mouse)



Specifications

DS309													
Native Resolution	SVGA 800 x 600												
Compressed Resolution	Up to SXGA (1280 x 1024)												
Brightness	2000L - BRIGHT mode / 1500L - STD mode												
Contrast	2000:1												
Noise Level	30dB												
Lamp Life	3000/2000 (STD/BRIGHT mode)**												
Display Technology	Single 0.55" SXGA type X DMD chip												
Weight / Dimensions (W x D x H)	2 kg / 259 x 188 x 71.5mm												
Remote Control	Full Function Remote Mouse with Laser and Direct Source selecting												
INPUTS:	<table border="0"> <tr> <td>DVI-I (HDCP)</td> <td>HDMI via adaptor</td> </tr> <tr> <td></td> <td>2nd VGA via adaptor</td> </tr> <tr> <td>VGA In</td> <td>Component via adaptor</td> </tr> <tr> <td></td> <td>SCART via adaptor</td> </tr> <tr> <td>S-Video</td> <td>Composite via adaptor</td> </tr> <tr> <td colspan="2">3.5mm Stereo Jack, USB (remote mouse)</td> </tr> </table>	DVI-I (HDCP)	HDMI via adaptor		2nd VGA via adaptor	VGA In	Component via adaptor		SCART via adaptor	S-Video	Composite via adaptor	3.5mm Stereo Jack, USB (remote mouse)	
DVI-I (HDCP)	HDMI via adaptor												
	2nd VGA via adaptor												
VGA In	Component via adaptor												
	SCART via adaptor												
S-Video	Composite via adaptor												
3.5mm Stereo Jack, USB (remote mouse)													
CONTROL	RS232 3 Pin Mini DIN												
OUTPUTS:	PC 15 Pin D-Sub (monitor loop-through)												
Audio	1 x 1W Speaker												
Aspect Ratio	4:3 Native, 16:9 Compatible												
Keystone Correction	± 18 Degrees Vertical												
On Screen Display	16 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech & Arabic												
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i												
Uniformity	85%												
Displayable Colours	16.7 Million												
Projection Lens	F=2.41 ~ 2.55, f=21.79 ~ 23.99mm, 1.1x Manual Focus												
Throw Ratio	1.95 ~ 2.15:1 (Projection Distance:Image Width)												
Projection Distance	1.2 - 12m												
Image Size	0.70 - 7.70m (27.49" - 303.12") Diagonal 4:3												
Horizontal / Vertical Scan Rate	15 - 100kHz / 43 - 85Hz												
Power Supply	100-240V, 50-60Hz with PFC Power Supply												
Power Consumption	260W Maximum < 10W Standby mode												
Operating Conditions	Operating: 5 - 40°C, 80% Humidity (Max), 3000m Altitude (Max)												
Security	One Kensington Lock Port, Password Protection												
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, S-Video & Composite adaptor, USB Cable, Full Function Remote, Batteries x 2, Soft Carry Bag, Quick Start Guide, CD User Manual, Warranty, WEEE Card												
RoHS	Compliant												
Lamp Warranty	6 months or 1000 hours - whichever comes sooner												
Warranty	Warranty will vary by country. Please see www.optomaeurope.com or ask your local supplier for details												
Colour Guarantee	10 Years												

DS309 Projection Distance 1.2 - 12m (4:3 Aspect Ratio)

Projection Distance (m)	Max. Horizontal Image size (m)	Min. Horizontal Image size (m)	Max. Screen Height (m)	Min. Screen Height (m)	Max. Diagonal Image Size (m)	Max. Diagonal Image Size (Inch)	Max. Image Offset (m)
1.20	0.62	0.56	0.46	0.42	0.77	30.31	0.07
2.00	1.03	0.93	0.77	0.70	1.28	50.52	0.12
2.50	1.28	1.16	0.96	0.87	1.60	63.15	0.14
3.00	1.54	1.40	1.16	1.05	1.92	75.78	0.17
4.00	2.05	1.86	1.54	1.40	2.57	101.04	0.23
5.00	2.56	2.33	1.93	1.75	3.21	126.30	0.29
6.00	3.08	2.79	2.31	2.10	3.85	151.56	0.35
7.00	3.59	3.26	2.70	2.45	4.49	176.82	0.40
8.00	4.10	3.72	3.08	2.80	5.13	202.08	0.46
9.00	4.62	4.19	3.47	3.15	5.77	227.34	0.52
10.00	5.13	4.65	3.86	3.50	6.42	252.60	0.58
11.00	5.64	5.12	4.24	3.85	7.06	277.86	0.64
12.00	6.15	5.58	4.63	4.20	7.70	303.12	0.69

For guide purposes only

DS309 is capable of 16:9 aspect ratio projection. When projecting a 16:9 image the image sizes, screen height and offset information will differ to that of above.