

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

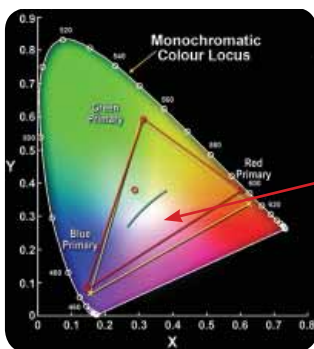
Easy to use:

- 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:	DVI-I (HDCP)HDMI via adaptor VGA In2nd VGA via adaptor S-VideoComponent via adaptor 3.5mm Stereo Jack, USB (remote mouse)SCART via adaptor Composite via adaptor
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.optoma-europe.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.

Optoma recommends Panoview screens

Panoview
www.panoview.eu

* Optoma guarantee that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusion: (1) Guarantee is voided if the projector is subject to damage through mis-use.
(2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive. **Typical lamp life achieved through testing. Will vary according to operational use and environment conditions.
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