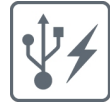optoma.co.uk

W309ST
Short throw, bright and compact projector

- **Bright WXGA projector – 3800 ANSI lumens**

- **Short throw lens - 100" image from just over a metre away**

- **Easy connectivity – HDMI, VGA, USB power**

- **Clear, powerful audio - 10W speaker**

Project bright and vibrant presentations effortlessly any time of day.
Designed for small meeting rooms and classrooms, this short throw projector boasts Amazing colour, long lamp life and energy-saving features to provide a lower overall cost of ownership.

Multiple inputs, USB power and a built-in speaker provide an easy set-up - perfect for connecting to laptop, PC or Blu-ray player for clear projected images with sound. You can even connect a HDMI dongle for wireless presentations.

Specifications

Display/image

Display technology	DLP™
Resolution	WXGA (1280x800)
Brightness	3,800 lumens
Contrast ratio	25,000:1
Native aspect ratio	16:10
Aspect ratio - compatible	4:3,16:9
Keystone correction - vertical	+/-40°
Horizontal scan rate	15.38 ~ 91.15Khz
Vertical scan rate	50 ~ 85(120 for 3D)Hz
Uniformity	75%
Screen size	0.91m ~ 7.7m (35.64" ~ 302.98") diagonal

Lamp info

Light source type	Lamp
Lamp watts	240
Lamp life hours (up to)	6000 (Bright), 12000 (Dynamic), 10000 (Eco), 15000 (Eco+)

Optical

Throw ratio	0.52:1
Projection distance (m)	0.4m - 3.4m
Focal length (mm)	7.51
Native offset	112%

Connectivity

Connections	**Inputs** 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm
	Outputs 1 x VGA, 1 x Audio 3.5mm, 1 x USB-A power 1A
	Control 1 x RS232

General

Noise level (typical)	26dB
Noise level (max)	28dB
PC compatibility	FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz)
3D compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Card style
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control Battery Basic user manual
Optional wireless models	HDCast Pro, QuickCast Bundle, QuickCast starter kit, WHD200

Power

Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	187W
Power consumption (max)	225W

Weight and dimensions

Dimensions (W x D x H) mm	316 x 244 x 108
Gross weight	3.83 kg
Net weight	3.25 kg