

W309ST

Bright WXGA short throw projection



- **Bright WXGA projector – 3,800 ANSI lumens**
- **Short throw lens - 100" image from several feet away**
- **Easy connectivity – HDMI, VGA, USB power**
- **Clear, powerful audio - 10W speaker**

Impress your audience with stunning visuals using the 3,800 lumens, WXGA Optoma W309ST short throw projector. The 0.52:1 short throw ratio, brightness and 25,000:1 contrast ratio enables 100-inch projections from several feet away, making it ideal for classrooms, small conference rooms and other space-constrained environments.



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	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	15.75" - 133.86"
Focal length (mm)	7.51
Native offset	112%
Connectivity	
Connections	<p>Inputs 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm</p> <p>Outputs 1 x VGA, 1 x Audio 3.5mm, 1 x USB-A power 1A</p> <p>Control 1 x RS232</p>
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)	12.44" x 9.61" x 4.25"
Gross weight	9.7 lbs
Net weight	6.61 lbs

