

W309ST

WXGA Short Throw Projector



Features

- **Bright 3,800 ANSI lumens and WXGA resolution**
- **Up to 15,000 hour lamp life**
- **Short throw 0.52:1 throw ratio**
- **Extensive connectivity with HDMI, VGA and composite**
- **Powerful 10W speaker for crisp dialogue**

Bright WXGA short throw projection

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.

Robust inputs include HDMI, VGA and composite for connectivity to a wide range of digital and legacy devices. Energy saving features and a long lamp life, up to 15,000 hours, provide many years of use with minimal maintenance for low total cost of ownership.



W309ST



TECHNICAL SPECIFICATIONS

Aspect Ratio	16:10 (native), 16:9 and 4:3 compatible
Audio	10W speaker
Brightness	3,800 ANSI lumens
Color Wheel	RYGCWB
Connections	1 x HDMI (1.4a), 1 x VGA (YPbPr/RGB), 1 x composite, 1x audio (3.5mm) in, 1 x VGA out, 1 x audio (3.5mm) out, 1 x USB power (1A)
Contrast Ratio	25,000:1
Control Unit	RS-232C
Display Technology	Texas Instruments 0.65" WXGA DMD
Displayable Colors	1.07 billion
Geometry	Vertical keystone
Image Size	35.64" - 302.98"
Keystone Correction	± 40° Vertical
Light Source Life	Up to 15,000/12,000/10,000/6,000 (Eco+/Dynamic/Eco/Bright)
Light Source Type	203W Lamp
Maximum Resolution	WUXGA (1920 x 1200)
Native Resolution	WXGA (1280 x 800)
Noise Level	26dB (typical), 28dB (max)
Offset	112%
Operating Temperature	41-104°F (5-40°C), 85% max humidity
Power Consumption	225W (Bright), 187W (Eco)
Power Supply	AC input 100-240V, 50-60Hz, auto-switching
Projection Distance	1.31' - 11.15'
Projection Lens	F=2.8, f=7.51mm
Projection Method	Front, rear, ceiling mount, table top
Remote Control	IR remote control

Throw Ratio	0.52:1
Zoom Type	0.8 - 2.0x digital, Fixed optical

COMPATIBILITY SPECIFICATIONS

3D Compatibility	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz. 3D glasses are needed and are sold separately.
Computer Compatibility	VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA
Horizontal Scan Rate	15,375-91.146 KHz
Vertical Scan Rate	50-85 Hz (120Hz for 3D feature projector)
Video Compatibility	PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p

PHYSICAL SPECIFICATIONS

Dimensions	12.44" x 4.25" x 9.61"
Security	Kensington® lock port
Weight	6.61 lbs.

Other

What's in the Box?	W309ST, AC power cord, remote control, battery (for remote), quick start guide
Accessories Part Numbers	BL-FP195E, Mounting Plate: BM-4002p, Remote (replacement): BR-3079N, Universal wall mount: OWM3000ST
UPC	796435 44 502 7
Warranty Info	1 Year limited parts and labor warranty on the projector, 90 days lamp warranty

*Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

† 3D content can be viewed with DLP® Link active shutter glasses when projector is used with a compatible 3D player. Please visit Optoma.com for more information.

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