Bright projection with remarkable color accuracy

Enhance small spaces with 4,000 lumens and WXGA projection using the Optoma W319ST. Its short throw ratio, brightness and 25,000:1 contrast ratio make it ideal for simulators, education, small conference rooms and other space-constrained environments.

The 0.52:1 short throw ratio projects large, 80-inch images from several feet away. Full 3D support enhances realism for stunning, life-like immersion.

Robust inputs include HDMI, VGA and composite for connectivity to a wide range of digital and legacy devices. A lamp life up to 15,000 hours enable many years of use with minimal maintenance.
TECHNICAL SPECIFICATIONS

Aspect Ratio 16:10 (native), 16:9, 4:3, LBX and auto compatible
Audio 10W speaker
Brightness 4,000 ANSI lumens
Color Wheel RYGCWB
Connections 1x HDMI, 1x HDMI(MHL), 2x VGA, 1 x VGA out, 1x composite, 1x USB, 1x audio in, 1x audio out, 1x Mic in, 1x RS232, 1x RJ45
Contrast Ratio 25,000:1
Control Unit RS-232, RJ45
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
Throw Ratio 0.52:1
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 28dB (Eco)
Offset 115% ±5%
Operating Temperature 41-104°F (5-40°C), 85% max humidity
Power Consumption 200W Normal (Bright), 160W Standard (ECO), ≥58W Dynamic Mode, 203W (max)

Power Supply AC input 100-240V, 50-60Hz, auto-switching
Projection Distance 1.3′ - 11.15′
Projection Lens F=2.8, f=7.51mm
Projection Method Front, rear, ceiling mount, table top
Remote Control Full size remote

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? W319ST, AC power cord, remote control, batteries, quick start user manual

Accessories Part Numbers 4K UHD Casting and Mirror Dongle: UHDCast Pro, BL-FP195E, Mounting Plate: BM-4002p, QuickCast Pro 4K HDMI starter kit: OCP-4K-KIT (2 TX, 1 RX, 1 Cradle), Remote (replacement): BR-5053C, Universal wall mount: OWM3000ST

UPC 796435 44 503 4
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.