Optoma

W319USTire

Ultra Short Throw Interactive Projection

- IR pen interactive technology

- WXGA, super bright 3500 lumens

- Large shadow-free images from a short distance, powerful 16W built-in speaker

- Multiple connections including two HDMI inputs, RJ45 control and monitoring

DLP TEXAS INSTRUMENTS · HDMI HIGH DEFINITION MULTIMEDIA INTERFACE · CRESTRON RoomView connected · PJLink · AMX

Full 3D · Eco+ · Amazing Colour

W319USTire

The W319USTire, is perfect for businesses, schools and colleges. It is bright (3500 lumens) and uses IR interactive technology, enabling people to work simultaneously on the screen using a pen. The throw ratio of 0.27:1 means that it can project a 100" image from less than 0.5m away. And having the projector installed so close to the screen avoids any shadows being cast across the screen from the presenter(s).

It provides a complete package for engaging learning with many new features, including two HDMI inputs, powered USB port, powerful 16W built-in speaker, improved lamp life, compact chassis and a completely new mounting system for a fast and simple set-up.

Ultra short throw

With an ultra-short throw lens, you can project an impressive image greater than 100" from just 55cm away. This allows you to place the projector closer to the wall, reducing shadows so you can present with ease; perfect for interactive applications.

IR pen interactive technology

Optoma's IR pen interactive technology enables two people to work simultaneously on the screen using a pen. It is easy to draw, annotate, zoom and rotate images on the projected screen. You can even open documents or browse the web without touching your computer. Designed for businesses, schools and colleges, multiple touch points allow for a more natural and intuitive way of interacting with digital content.

High Contrast

Add more depth to your image with a high contrast projector; with brighter whites and ultra-rich blacks, images come alive and text appears crisp and clear - ideal for business and education applications.

Full 3D

Optoma projectors can display true 3D content from almost any 3D source, including 3D Blu-ray players, 3D broadcasting and the latest generation games consoles.

Integrated Speaker

The built-in speaker offers excellent audio support. Easy to set up without the need for costly external speakers

Eco+

Eco+ technology brings together high contrast, improved lamp life and energy saving features that are easy to use while reducing power consumption.

Energy Saving

Using the specially designed lamp modes, you can reduce the power consumption by up to 70%. Each mode also has a positive effect on the lamp life, while lowering the total cost of ownership and reducing maintenance.

Quick Resume

This feature allows the projector to be instantly powered on again, if it is accidentally switched off.

Auto power off

There may be instances when the projector is left running when not in use. To help save energy if the projector is left running and no source is detected, the "Auto power off" feature automatically turns off the projector after a set period of time.

Eco AV Mute

Stay in control of your presentation with Eco AV mute. Direct your audience's attention away from the screen by blanking the image when no longer needed. This also reduces the power consumption by up to 70%, further prolonging the life of your lamp.

Long Lamp Life

Reduce the number of lamp changes with lamp life of up to 6500 hours.

EPSON® replacement adapter

Update your EPSON® ultra short throw projector with an Optoma UST projector without changing your existing mount or white board.

Remote Mouse

Keep your audience's attention focussed on the right things using the simple, yet powerful remote with USB mouse control.

Networking and Control

Featuring a wide range of options you can remotely control and monitor the projector.

- RS232 - Optoma projector's come with an extensive set of RS232 commands making it simple and easy to manage using any control system.
- AMX Compatibility - Dynamic discovery protocol is incorporated into the projector allowing for easy installation with AMX control systems.
- LAN Control - Using the compatible RoomView® software you can power on/off, monitor, manage and control up to 250 projectors at the same time from any computer.
    - Schedule the projectors to power on/off.
    - Control and alter the projector settings using the simple web browser.
    - Emergency text broadcast capabilities for urgent or important announcements.
    - Automatically receive email updates for lamp maintenance.

Wireless Presenting (optional extra)

Making presentations couldn't be easier using the optional wireless features of the WPS Wireless Adapter (sold separately) - you can connect and display presentations wirelessly from a laptop, PC or mobile device.

USB Power

Use the USB-Power to power an HDMI dongle, such as Google Chromecast or the Optoma WHD200 wireless HDMI device.

Colour Guarantee

We are so confident that the image colour quality will remain as good as the day you bought it that Optoma will guarantee it for five years.

Amazing Colour

Give powerful presentations and educational lessons with stunning colours. Optoma projectors provide you with reliable colour performance suitable for any content and environment. From accurate sRGB colours for true life like images to vibrant punchy presentations. We have a display mode to specific meet your needs.

Specification

Display Technology	Single 0.65" WXGA DC3 DMD chip DLP® Technology by Texas Instruments
Resolution	WXGA 1280 x 800
Brightness[1] (Bright Mode)	3500 ANSI Lumens
Contrast	18,000:1
Typical lamp life[2] Eco+/Dynamic/Eco/Bright/Education cycle	7000/6500/6000/4500/10000 (hrs)
Throw Ratio	0.27:1
Zoom Type	Fixed
I/O Connectors	2 x HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out (Shared with VGA2), RJ45, RS232, USB remote mouse/service, 12V trigger, Mic In, USB-A Power, 3D-Sync
Speaker (Watts)	16
Keystone Correction	± 15° Vertical
Weight (kg)	4.63
Dimensions (W x D x H)	385 x 310 x 120
Aspect Ratio	16:10 Native, 16:9/4:3 Compatible
Offset	115%
Projection Screen Size	2.16 – 2.92m (85" – 115") Diagonal 16:10
Projection Distance	0.49 - 0.66m
Projection Lens	F/2.4; f=3.72mm, Fixed Zoom
Uniformity	85%
Computer Compatibility	UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
Video Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
3D Support	Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.
3D Compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz (120Hz for 3D)
Displayable Colours	1.07 Billion
Noise Level (Eco mode)	26dB
Power Supply	100-240V, 50-60Hz
Power Consumption	235W Bright mode / 200W Eco mode (< 0.5W Standby)
Lamp Type	190W
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Security	Security bar, Kensington lock, password protection
On Screen Display	25 Languages: English, German, French, Italian, Spanish, Portuguese, Swedish, Dutch, Norwegian/Danish, Polish, Russian, Finnish, Greek, Hungarian, Czech, Arabic, Traditional Chinese, Simplified Chinese, Japanese, Korean, Thai, Turkish, Farsi, Romanian, Slovenian
Standard Accessories	AC power cord, USB cable, remote control, batteries, quick start card, CD user manual, 2x IR pens
Optional Accessories	3D glasses, wireless, wall mount
Optional Wireless	Yes
RoHS	Compliant
DICOM Simulation Mode	Yes

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[1]Brightness and lifetime dependent on settings and environmental conditions

[2]Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions

22/01/2018 13:06