

# PowerLite® 2142W Wireless WXGA 3LCD Projector



Projectors

Meeting Room

## Bright, WXGA portable projector with advanced wireless security.

**Remarkable color accuracy** — up to 3x Higher Color Brightness<sup>1</sup> and up to 3x Wider Color Gamut<sup>2</sup> with Epson over 1-chip DLP projectors

**More accurate, vivid color, even in well-lit rooms** — 4,200 lumens of equal color and white brightness<sup>3</sup>

**Colorful, widescreen images up to 280"** — WXGA resolution (1280 x 800); 16:10 performance

**Remarkable sharpness and detail** — 15,000:1 contrast ratio; added clarity when displaying text and graphics

**Robust integrated wireless networking** — enterprise-level security for added peace of mind; compatible with WEP, WPA, WPA2-PSK and WPA2-EAP security protocols

**Wireless mirroring** — stream content using Miracast® for Android™/Windows® 8.1+ devices, or AirPlay® for iOS® devices (requires Apple TV®)

**Long-lasting lamp** — up to 12,000 hours in ECO Mode<sup>4</sup>

**Remote management and control tools** — compatible with Crestron®, AMX®, Extron®, PJLink and more; offers easy access and maintenance

**Two-way content sharing** — presenters can push content from the projector to wirelessly connected devices and control which device screens to display; participants can make notes and send their work back to the projector<sup>5</sup>

**Versatile, compact design** — multiple connectivity options; ideal for transporting between or installing in small- to medium-sized spaces



## Specifications

**Projection System** 3LCD, 3-chip technology  
**Projection Method** Front/rear/ceiling mount  
**Driving Method** Poly-silicon TFT Active Matrix  
**Pixel Number** 1,024,000 dots (1280 x 800) x 3  
**Color Brightness<sup>3</sup>** Color Light Output: 4,200 lumens  
**White Brightness<sup>3</sup>** White Light Output: 4,200 lumens  
**Aspect Ratio** 16:10  
**Native Resolution** 1280 x 800 (WXGA)  
**Supported Maximum Transferred Resolution**  
 1920 x 1080 (1080p V Sync 24/30)  
**Resize** 640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050  
**Lamp Type** 230 W UHE  
**Lamp Life<sup>4</sup>**  
 ECO Mode: Up to 12,000 hours  
 Normal Mode: Up to 5,500 hours  
**Size (Projected Distance)** 29" – 280"  
**Keystone Correction (Automatic)**  
 Vertical: ± 30 degrees  
 Horizontal: ± 20 degrees  
**USB Plug 'n Play** Projector is compatible with PC and Mac® computers  
**Contrast Ratio** Up to 15,000:1  
**Auto Iris** High Speed/Normal/Off (Dynamic, Cinema only)  
**Color Reproduction** Up to 1.07 billion colors

## Wireless Specifications

**Supported Security Modes**  
 Quick Mode: OPEN, WPA2-PSK  
 Advanced Mode: OPEN, WPA2-PSK, WPA/WPA2-PSK, WPA2-EAP, WPA/WPA2-EAP  
 Supported EAP type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast, LEAP  
**Supported Speeds**  
 IEEE 802.11b: 11 Mbps\*  
 IEEE 802.11g: 54 Mbps\*  
 IEEE 802.11n: 130 Mbps\*  
 \*Maximum speed and range is achievable when used with same enhanced mode technology. Actual data rates, features and performance may vary depending on your computer system, the environment and other factors.

## Interfaces

1x HDMI®  
 1x HDMI/MHL®  
 Computer: 2x D-sub 15 pin  
 Video: 1x RCA  
 Audio-in: 3x Mini stereo  
 Audio-in: 1x RCA (L & R)  
 Network: 1x RJ-45, 100  
 Mbps Serial: 1x RS-232C  
 Monitor Out: 1x D-sub 15 pin

## Projection Lens

**Type** Optical zoom (manual)/focus (manual)  
**F-number** 1.5 – 1.9  
**Focal Length** 20.3 – 32.5 mm  
**Throw Ratio Range** 1.38 (Zoom: Wide), 2.24 (Zoom: Tele)  
**Zoom Ratio** 1.0 – 1.6

## Other

**Input Signal** Auto, RGB, and Component  
**Speaker** 16 W (mono)  
**Operating Temperature** 41 ° to 95 °F (5 ° to 35 °C)  
**Power Supply Voltage** 100 – 240 V AC ±10%, 50/60 Hz  
**Power Consumption**  
 ECO Mode: 237 W  
 Normal Mode: 350 W  
 Standby (Communication On): 2.4 W  
 Standby (Communication Off): 0.21 W  
**Fan Noise**  
 ECO Mode: 29 dB  
 Normal Mode: 39 dB  
**Security** Kensington-style lock provision

## Weight and Dimensions (W x D x H)

Including Feet 12.16" x 11.1" x 3.54"  
 Excluding Feet 12.16" x 11.5" x 4.13"  
 Weight 6.81 lb (3.1 kg)



## Remote Control

**Features** Brightness, Contrast, Tint, Saturation, Sharpness, Input signal, Sync, Tracking, Position, Color temperature, Volume  
**Operating Angle**  
 Right/left: ± 45 degrees  
 Upper/lower: +45 to -15 degrees  
**Operating Distance** 26.2 ft (8 m)

## Eco Features

RoHS compliant  
 Recyclable product\*  
 Epson America, Inc. is a SmartWay® Transport Partner<sup>7</sup>

## Support

**Epson Connection<sup>SM</sup>**  
 Pre-sales support U.S. and Canada: 800-442-1977  
 Internet website: [www.epson.com](http://www.epson.com)

**Service Programs** 2-year projector limited warranty, Epson Road Service program, PrivateLine® dedicated toll-free support and 90-day lamp limited warranty

## What's in the Box

PowerLite 2142W projector, remote control, batteries, power cable, wireless LAN module, computer cable (VGA), CD with User Guide Link, warranty card, Quick Setup Sheet

## Ordering Information

PowerLite 2142W Projector	V11H875020
Replacement Lamp (ELPLP96)	V13H010L96
Replacement Filter (ELPAF55)	V13H134A55
Replacement Wireless LAN Module (ELPAP10)	V12H731P02
Soft Carrying Case (ELPKS70)	V12H001K70

<sup>1</sup> Color brightness (color light output) in brightest mode, measured by a third-party lab in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. Top-selling Epson 3LCD projectors versus top-selling 1-chip DLP projectors based on PMA Research sales data for Dec. 2015 through Nov. 2016. | <sup>2</sup> Gamut volume in brightest mode, measured by a third-party lab in 3D in the CIE L\*a\*b\* coordinate space. Top-selling Epson 3LCD projectors versus top-selling 1-chip DLP projectors based on PMA Research sales data for Dec. 2015 through Nov. 2016. | <sup>3</sup> Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. | <sup>4</sup> Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | <sup>5</sup> For wireless functionality, including via the Epson iProjection™ App, the projector must be configured on a network, either through the Ethernet port on the projector (check model specifications for availability) or via a wireless connection. Check your owner's manual to determine if a wireless LAN module must be purchased separately to enable a wireless connection. Not all Epson projectors are able to be networked. The Epson iProjection App does not support all files and formats. See [www.epson.com](http://www.epson.com) for details. | <sup>6</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>7</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

See the latest innovations from Epson Business Solutions at [www.epson.com/forbusiness](http://www.epson.com/forbusiness)

**Better Products for a Better Future™**  
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