

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 Brightness¹ and up to 3x Wider Color Gamut² with Epson over 1-chip DLP projectors

More accurate, vivid color, even in well-lit rooms — 4,200 lumens of equal color and white brightness³

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 Mode⁴

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 projector⁵

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 Brightness³ Color Light Output: 4,200 lumens
White Brightness³ 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 Life⁴
 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 Partner⁷

Support

Epson ConnectionSM
 Pre-sales support U.S. and Canada: 800-442-1977
 Internet website: 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

¹ 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. | ² 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. | ³ 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. | ⁴ Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | ⁵ 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 for details. | ⁶ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁷ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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