

EB-PU2120W



The EB-PU2120W is the world's smallest 20,000lm projector¹.

The EB-PU2120W offers users significant advantages including much reduced size and weight, easier installation and set-up, simplified maintenance and great image quality. This ultra-lightweight, compact laser projector has been designed for use in large auditoriums, live events, concerts, conference rooms where it delivers high-impact immersive experiences.

Compact and lightweight

The EB-PU2120W is around 60% smaller and 50% lighter than its predecessor, the EB-L20000U. The reduced weight and size means the projector is easier to store, transport and install, saving on warehouse space as well as labour and delivery costs.

Outstanding image quality

This high lumens, 3LCD projector offers WUXGA resolution with 4K enhancement and HDR for rich textures and sharper images.

Flexibility

The EB-PU2120W enables simple installation, stacking, lens flexibility and control. It includes in-built processing for PC-free stacking which means two supported projectors can be stacked to double the brightness without the need for external computerware.

Reliability

Includes outstanding dust resistance as the hermetically sealed optical engine, and laser light source unit, ensure stable brightness output over long periods, even in high dust environments.

DATASHEET / BROCHURE



KEY FEATURES

- **Ultra-lightweight and compact**
The world's smallest 20,000lm projector¹
- **Stunning image displays**
20,000lm, 4K Enhancement technology, WUXGA resolution
- **Easy to use**
Simple installation, stacking, lens flexibility and control
- **Fit-and-forget reliability**
Enhanced dust resistant construction - IP5X certified
- **Environmental benefits**
Lower power consumption, reduced packaging, reduced weight
- **Legal Statement**
Complies with The UK Product Security and Telecommunications Infrastructure (Product Security) requirements. Epson will provide security updates for 7 years from purchase

PRODUCT SPECIFICATIONS

| | |
|------------------------------|---|
| TECHNOLOGY | |
| Projection System | 3LCD Technology |
| LCD Panel | 1.03 inch with C2 Fine |
| IMAGE | |
| Color Light Output | 20,000 Lumen- 14,000 Lumen(economy) In accordance with IDMS15.4 |
| White Light Output | 20,000 Lumen - 14,000 Lumen(economy) In accordance with ISO 21118:2020 |
| Resolution | WUXGA |
| Resolution Enhancement | 4K enhancement |
| Aspect Ratio | 16:10 |
| On-Screen Pixel Count | 4,608,000 (1920x1200 x2) |
| Contrast Ratio | Over 5,000,000: 1 |
| Native Contrast | 2,000: 1 |
| Light source | Laser |
| Laser Light source | 20,000 hoursDurability High, 30,000 hoursDurability Eco |
| Colour Video Processing | 10 Bits |
| Colour Reproduction | Upto 1.07 billion colours |
| HDR support | HDR10, HLG |
| OPTICAL | |
| Throw Ratio | 0.35 - 7.41:1 |
| Zoom | Motorized, Factor:1 - 1.6 |
| Lens | varies by lens |
| Lens Shift | Motorized - Vertical ±60 %, horizontal ±18 %, varies by lens |
| Lens position memory | 10positions |
| Screen Size | 60 inches - 1,000 inches, varies by lens |
| Projection Distance Wide | Varies by lens |
| Projection Distance Tele | Varies by lens |
| Projection Lens F Number | varies by lens |
| Projection Lens Focal Length | varies by lens |
| Projection Lens Focus | Motorized |
| Interchangeable Lens | Yes |
| Standard Lens | Not included |
| CONNECTIVITY | |
| Interfaces | USB 2.0-A (2x), USB 2.0 Type B (Service Only), RS-232C, Ethernet Interface (1000 Base-T/ 100-Base TX/ 10-Base-T), VGA in, DVI in, HDMI in, HDBaseT, Jack plug out, Wireless LAN IEEE 802.11a/b/g/n (optional), Near Field Communication (NFC), USB content playback, Remote |
| Network Protocol | HTTPS, IPv6, SNMP, ESC/VP.net, PJLink |
| ADVANCED FEATURES | |
| Security | Kensington lock, Security bar, Password lock, Wireless LAN unit lock, Wireless LAN security, Password protection |
| Other features | 21:9 aspect ratio support, 4K enhancement, A/V mute, Auto Power On, Auto source search, Direct Power on/off, Edge Blending, Freeze image, Horizontal and vertical keystone correction, Lens position memory, Long light source life, OSD copy function, Point correction, Power on button, Quick Corner, Schedule Function, Split-Screen-Function, Super resolution, Web Control, Web Remote, iProjection App |
| Video Color Modes | Cinema, Dynamic, Natural, Presentation, DICOM SIM, Multi Projection, BT709 |
| Projector control | via: AMX, Crestron, Extron |
| Sealed Light Source Module | Yes, IP5X rated |
| Sealed Optical Engine | Yes, IP5X rated |

EB-PU2120W

WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- Cable cover
- Lens connector cap
- Document Pack
- Information sheet
- Main unit
- Quick Start Guide

PRODUCT SPECIFICATIONS

| | |
|-------------------------|--|
| GENERAL | |
| Power consumption | 1,143 Watt (Normal On-Mode), 1,301 Watt (Normal Peak-mode), 899 Watt (Eco Peak-Mode), 0.4 Watt (Energy saving standby) |
| Heat Dissipation | 4,423 BTU/hour (max) |
| Supply Voltage | AC 200 V - 240 V, 50 Hz - 60 Hz |
| Product dimensions | 586 x 492 x 218 mm (Width x Depth x Height) |
| Product weight | 24.4 kg |
| Noise Level | Normal:45 dB (A) - Economy:37 dB (A) |
| Supported Temperature | Storage -10° C - 60° C |
| Supported Humidity | Operation 20% - 80%, Storage 10% - 90% |
| Included Software | Epson Creative Projection, Epson Projector Config Tool, Epson Projector Content Manager, Epson Projector Management, Epson Projector Professional Tool |
| Options | Camera module, Ceiling mount, Wireless LAN unit |
| Room Type / Application | Boardroom, Large Meeting Room / Auditorium, Meeting room / Classroom, Projection Mapping, Rental / Staging, Signage / Retail, Visitor Attraction |
| Positioning | Ceiling Mounted, Desktop, Flying Frame |
| Colour | White |
| OTHER | |
| Warranty | 36 months Carry in Optional warranty extension available |

EB-PU2120W

WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- Cable cover
- Lens connector cap
- Document Pack
- Information sheet
- Main unit
- Quick Start Guide

OPTIONAL ACCESSORIES

- Wireless LAN Adapter - ELPAP11 (2.4GHz & 5GHz)
V12H005A01
- Camera Unit - ELPEC01
V12HA46010
- Ceiling Mount - ELPMB68
V12H006AE0
- Extension Pole - ELPMB70 - For ELPMB68
V12H006AG0
- Truss Adaptor - ELPMB71 - For ELPMB68
V12H006AH0
- Stacking Frame - ELPMB59 - EB-PU2200 Series (EVO)
V12H996B59
- Stacking Frame - ELPMB84 - EB-PU2200 Series
V12H006AW0
- Portrait Adaptor - ELPMB78 - EB-PU Series
V12H006AQ0
- Tilt Adaptor - ELPMB81 - EB-PU Series
V12H006AT0

EB-PU2120W

OPTIONAL LENSES

Throw Ratio:

Lens Shift:

| | | |
|---|---------------|-----------------|
| ● Lens - ELPLL08 - Long throw - EB-PU Series V12H004L08 | 5.27 - 7.41:1 | V: ±60% H: ±18% |
| ● Lens - ELPLM10 - Mid throw 3 - EB-PU Series V12H004M0A | 2.42 - 3.71:1 | V: ±60% H: ±30% |
| ● Lens - ELPLM11 - Mid throw 4 - EB-PU Series V12H004M0B | 3.54 - 5.41:1 | V: ±60% H: ±18% |
| ● Lens - ELPLM15 - Mid throw - EB-PU Series V12H004M0F | 1.57 - 2.56:1 | V: ±60% H: ±18% |
| ● Lens - ELPLU03S - Short throw off axis 1 - EB-PU Series V12H004UA3 | 0.48 - 0.57:1 | V: ±24% H: ±10% |
| ● Lens - ELPLU04 - Short throw off axis 2 - EB-PU Series V12H004U04 | 0.64 - 0.77:1 | V: ±60% H: ±18% |
| ● Lens - ELPLW06 - Wide zoom 2 - EB-PU Series V12H004W06 | 1.19 - 1.62:1 | V: ±60% H: ±18% |
| ● Lens - ELPLW08 - Wide throw - EB-PU2000 Series V12H004W08 | 0.86 - 1.2:1 | V: ±60% H: ±18% |
| ● Lens - ELPLX02WS - UST - EB-PU2000 Series V12H004Y0B | 0.35:1 | V: +25% H: ±15% |

LOGISTICS INFORMATION

| | |
|-------------------|---------------|
| SKU | V11HA63940 |
| EAN code | 8715946703152 |
| Country of Origin | China |

For more information please contact:

Home users: 0343 90 37766
Business users*: 0871 42 37766
Republic of Ireland: 01 436 7742
Or visit us at <https://www.epson.co.uk/contactus>
* 10p per minute plus network extras.

Web: www.epson.co.uk
www.epson.ie

1. As of March 2023. Main unit including standard lens (ELPLM15). 20,000lm in accordance with ISO 21118.

Trademarks and registered trademarks are the property of Seiko Epson Corporation or their respective owners.
Product information is subject to change without prior notice.
Last extracted: 2023-06-07

EPSON®