EB-PU2220B

The EB-PU2220B is the world's smallest and lightest 20,000lm projector[1].

The EB-PU2220B 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-PU2220B is 70% 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-PU2220B's functionality 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 improved dustproofing as the hermetically sealed optical engine, and laser light source unit, prevent dust contamination to ensure enhanced durability.

KEY FEATURES

- **Ultra-lightweight and compact**
  The world's smallest and lightest 20,000lm projector[1]
- **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 dustproof construction. IP5x certified
- **Environmental benefits**
  Lower power consumption, reduced packaging, reduced weight

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
High Definition	4K enhancement
Aspect Ratio	16:10
Contrast Ratio	Over 2,500,000 : 1
Native Contrast	2,000 : 1
Light source	Laser
Laser Light source	20,000 hours Durability High, 30,000 hours Durability 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	10 positions
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
Mechanical shutter	Yes

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, 3G-SDI Input, 3G-SDI Output, 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, Auto Power On, Auto source search, Direct Power on/off, Edge Blending, 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-PU2220B

WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- Cable cover
- User manual
- Lens connector cap
- Warranty document

PRODUCT SPECIFICATIONS

GENERAL

Power consumption	1,301 Watt, 899 Watt (economy), 0.4 Watt (standby), On mode power consumption as defined in JBMS-84 1,143 Watt
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, EasyMP Multi PC Projection, Epson Projector Config Tool, Epson Projector Content Manager, Epson Projector Management, Epson Projector Professional Tool
Options	Camera module, Ceiling mount, Wireless LAN unit
Positioning	Ceiling Mounted, Desktop, Flying Frame
Colour	Black

OTHER

Warranty	36 months Carry in
	Optional warranty extension available

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OPTIONAL ACCESSORIES

- Adapter - ELPAP11 Wireless LAN (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

OPTIONAL LENSES

- Lens - ELPLL08 - Long throw - EB-PU Series
  V12H004L08
- Lens - ELPLM10 - Mid throw 3 - EB-PU Series
  V12H004M0A
- Lens - ELPLM11 - Mid throw 4 - EB-PU Series
  V12H004M0B
- Lens - ELPLM15 - Mid throw - EB-PU Series
  V12H004M0F
- Lens - ELPLU03S - Short throw off axis 1 - EB-PU Series
  V12H004UA3
- Lens - ELPLU04 - Short throw off axis 2 - EB-PU Series
  V12H004U04
- Lens - ELPLW06 - Wide zoom 2 - EB-PU Series
  V12H004W06
- Lens - ELPLW08 - Wide throw - EB-PU2000 Series
  V12H004W08
- Lens - ELPLX02S - UST - EB-PU2000 Series
  V12H004X0B
- Lens - ELPLX02WS - UST - EB-PU2000 Series
  V12H004Y0B

LOGISTICS INFORMATION

SKU	V11HA66840
EAN code	8715946703213
Country of Origin	China

3LCD IP5X

1. As of December 2021. Main unit without lens. 20,000lm in accordance with ISO 21118.

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