EB-PU2220B

DATASHEET / BROCHURE





EB-PU2220B

Best for large venues requiring ultra-high brightness. Compact 20,000-lumen WUXGA 3LCD laser projector with IP5X dust resistance.

The EB-PU2220B 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.This high lumens, 3LCD projector offers WUXGA resolution with 4K enhancement and HDR for rich textures and sharper images.The EB-PU2220B 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.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.

KEY FEATURES

- **Ultra-lightweight and compact**
  The world's smallest 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 dust resistant construction - IP5X certified
- **Environmental benefits**
  Lower power consumption, reduced packaging, reduced weight

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PRODUCT SPECIFICATIONS

EB-PU2220B

TECHNOLOGY	
Projection System	3LCD Technology
LCD Panel	1.03 inches with C2 Fine
IMAGE	
Color Light Output	20000 Lumens - 14000 Lumens (economy)
White Light Output	20000 Lumens - 14000 Lumens (economy)
Resolution	WUXGA
High Definition	4K enhancement
Contrast Ratio	5,000,000
Light Source	Laser
Laser Light source	20000 hr Durability High, 30000 hr Durability Eco
Colour Video Processing	10 Bits Color
Colour Reproduction	Upto 1.07 billion colours
OPTICAL	
Throw Ratio	0.35 - 7.41:1
Zoom	Digital, Factor: 1 - 1.6
Screen Size	60 in - 1000 in
Projection Lens Focus	Motorized
CONNECTIVITY	
Interfaces	USB 2.0-A (2 x), Near Field Communication (NFC) (1 x), Ethernet Interface (1000 Base-T/ 100-Base TX/ 10-Base-T) (1 x), HDBaseT (1 x), 3G-SDI Output (1 x), USB content playback (1 x), VGA in (1 x), DVI in (1 x), USB 2.0 Type B (Service Only) (1 x), Jack plug out (1 x), 3G-SDI Input (1 x), Remote (1 x), HDMI in (1 x), RS-232C (1 x), Wireless LAN IEEE 802.11a/b/g/n (Optional)
Network Protocol	IPv6, ESC/VP.net, PJLink, HTTPS, SNMP
ADVANCED FEATURES	
Security	Kensington lock, Security bar, Password lock, Password protection, Wireless LAN unit lock, Wireless LAN security
Other Features	4K enhancement, Auto Power On, Auto source search, Direct Power on/off, Edge Blending, Long light source life, Lens position memory, OSD copy function, Power on button, Schedule Function, Quick Corner, Super resolution, Split-Screen-Function, Web Control, Web Remote, iProjection App, 21:9 aspect ratio support, Point correction, Freeze image, Horizontal and vertical keystone correction
Video Colour Modes	Cinema, Dynamic, Natural, Presentation, DICOM SIM, Multi Projection, BT709
Projector Control	AMX, Crestron, Extron

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PRODUCT SPECIFICATIONS

GENERAL	
Heat Dissipation	4,423 BTUperhour
Product dimensions	586 mm x 492 mm x 218 mm (Width x Depth x Height)
Supply Voltage	AC 200 V - 240 V, 50 Hz - 60 Hz
Included Software	Epson Creative Projection, Epson Projector Content Manager, Epson Projector Management, Epson Projector Professional Tool, Epson Projector Config Tool
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 %
Options	Ceiling mount, Wireless LAN unit, Camera module
Room Type / Application	Boardroom, Large Meeting Room / Auditorium, Projection Mapping, Meeting room / Classroom, Rental / Staging, Signage / Retail, Visitor Attraction
Positioning	Ceiling Mounted, Desktop, Flying Frame
Colour	Black

OTHER

EB-PU2220B

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

- Camera Unit - ELPEC01
  V12HA46010
- Ceiling Mount - ELPMB68
  V12H006AE0
- Extension Pole - ELPMB70 - For ELPMB68
  V12H006AG0
- 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

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