

Epson QS100 4K PRO-UHD® HDR 4,500 Lumen 3LCD Ultra Short Throw Laser Projector



Reimagine Projection.

Cutting-Edge Ultra Short Throw Lens Technology — Unlike standard throw projectors, the precision glass ultra short throw lens drastically reduces the throw distance and supports screen sizes up to 160" — from just a few inches away

Ultra Bright Picture — Delivers outstanding color accuracy with 3-chip 3LCD technology and 4,500 lumens color brightness (IDMS Rated) and 4,500 lumens of white brightness (ISO Rated)²; new preset picture modes specifically calibrated for bright environments

Exceptionally Sharp 4K Experience — 4K PRO-UHD¹ uses advanced pixel-shifting technology to control three individual high-definition LCD chips, producing amazing detail and clarity without sacrificing picture brightness

Impressive HDR — Full 10-bit HDR color processing accepts 100% of the HDR source information to faithfully reproduce HDR, HDR10³ and HLG (Hybrid Log Gamma) content for an exceptional visual performance. Dynamic tone mapping automatically adjusts to the optimal HDR level according to the scene

Epson QZX Picture Processor — Proprietary 32-bit Epson processor delivers extraordinary contrast even in bright environments thanks to advanced dynamic tone mapping; optimizes each frame for exceptional brightness and contrast

Smart Home Control — Professional-grade IP control systems like Control4[®] and Crestron[®] control systems, as well as PLink[®], are supported to create an intuitive home entertainment experience

Quick Turn-On Laser Array Light Source — True multi-array laser diodes produce an ideal light source that delivers incredible color accuracy; virtually maintenance-free for up to 20,000 hours⁴

Epic Big Picture Gaming Performance — Smooth gaming experience with support for Auto Low Latency Mode (ALLM) and very low input lag for competitive gaming

Simple and Flexible Installation — With individually adjustable feet, multi-point picture settings and an optional wall mount bracket, it is easy to set up this ultra short throw projector in no time



Epson QS100 4K PRO-UHD® HDR 4,500 Lumen 3LCD Ultra Short Throw Laser Projector

Specifications

Projection System Epson 3-chip 3LCD technology ultra short throw

Projection Method
Ceiling Mount Front / Ceiling Mount Rear / Table Projection Front / Table Projection Rear / Portrait Right / Portrait Left

Projector Color Black or White

Driving Method Poly-Silicon TFT Active Matrix

Maximum Resolution 4K Enhancement (1920 x 1080 x 2)

Native Aspect Ratio 16:9 widescreen (4:3 and 16:10 resize)

Focus Control Precision Manual Slider

Refresh Rate Up to 4K 60 Hz

Color Brightness (IDMS Rated) Color Light Output²: 4,500 lumens (Color Mode: Dynamic; Zoom: N/A; Dynamic Contrast: Off)

White Brightness (ISO Rated) White Light Output²: 4,500 lumens (Color Mode: Dynamic; Zoom: N/A; Dynamic Contrast: Off)

Dynamic Contrast Ratio Over 5,000,000:1 (Color Mode: Dynamic; Consumption: Normal; Zoom: Wide)

Maximum Color Gamut BT. 2020

Chroma Subsampling 4:2:2 (4K PRO-UHD¹ 60 fps HDR10³, HLG), 4:4:4 (4K 24 fps HDR10³, HLG), 4:4:4 (4K 60 fps no HDR)

Color Reproduction Full 10-bit (up to 1.07 billion colors)

Throw Ratio Range 0.16 (Zoom: Wide), 0.40 (Zoom: Tele)

High Dynamic Range HLG, HDR10³

Light Source Laser diode

Dynamic Laser Life⁴ Up to 20,000 hours (Power Consumption: Normal, Quiet)

Projection Lens

Type Manual focus

F-Number 1.8

Focal Length 2.3 mm

Zoom Ratio 1 – 1.35 (Digital Zoom)

Throw Ratio 0.16 (Zoom Wide), 0.22 (Zoom Tele)

Other Features

Digital Video Compatibility HDMI® digital signal inputs 2160p (at 24/30/50/60 Hz), 1080p (at 24/30/50/60 Hz), 1080i (at 50/60 Hz), 720p (at 50/60 Hz), 576p (at 50 Hz), 480p (at 60 Hz)

Operating Temperature
Low Altitude: 32° F to 104° F (0° C to 40° C)
High Altitude: 32° F to 95° F (0° C to 35° C)

Power Supply Voltage 100 – 240 VAC ± 10%, 50/60 Hz

Power Consumption
Eco Mode: 219 W, Normal Mode: 346 W
Network Standby: 2.0 W, Energy Saving: 0.4 W

Fan Noise Quiet Mode: 20 dB, Normal Mode: 34 dB

Color Modes Dynamic, Vivid, Cinema, Natural

HDR Adjustment Dynamic Tone Mapping

Gaming Features ALLM (Auto Low Latency Mode)

Geometry Correction Quick Corner, Arc, Point, Geometry Correction Wizard & Memory, Epson Setting Assistant App

HDMI Link Supports HDMI CEC

Web Control Projector Setup and Control via Web browser

Smart Home Control PLink, Control4, Crestron Support

Interfaces

HDMI 2x HDCP 2.3 (18 Gbps) ports supporting CEC
HDMI2 supports eARC/ARC

USB Type-A 2x (1x PC Free, content playback, Firmware updates, 1x for 5 V / 2 A power supply)

USB Type-B for Firmware updates

LAN RJ45 (control only)
1x RS-232C (DB-9)



Dimensions (W x D x H)

Including Feet 27.4" x 6.2" x 13.4"
Weight 26.46 lb

Remote Control

Infrared Receiver Operating Distance Front/Rear: 19.7' (6 m)
Operating Angle Rear: Left/Right: ±30 degrees, Upper/Lower: +60 degrees to +0 degrees

Eco Features

Power Consumption

LD On (Power Consumption: Normal)	346 W
LD On (Power Consumption: Medium)	276 W
LD On (Power Consumption: Eco)	219 W
Network Standby	2 W
Energy Saving	0.4 W

RoHS compliant
End-of-life options available⁵
Epson America, Inc. is a SmartWay® Transport Partner⁶

Limited Warranty

3-year projector limited warranty, Extra CareSM Home Service program, PrivateLine® dedicated toll-free support (U.S. and Canada only)

What's Included

Epson QS100 4K PRO-UHD¹ HDR UST Laser Projector, power cable, remote control with (2) AA batteries and Quick Setup Guide

Ordering Information

QS100B Black	V11HB49120
QS100W White	V11HB49020
Ceiling Mount - (ELPMB22) White only	V12H003B22
Low Profile Ceiling Mount (ELPMB30) White only	V12H526040
Extreme Short Throw	
Wall Mount (ELPMB75) White only	V12HB12010
Air Filter Set ELPAP64	V13H134AE0
SilverFlex® Ultra ALR Screen 100" ELPSC35	V12H002AL0
SilverFlex Ultra ALR Screen 120" ELPSC36	V12H002AM0

¹ 4K Resolution Enhancement Technology shifts each pixel to produce an image on screen, up to the stated specification. | ² 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. | ³ HDR performance available with select third-party devices. For more information, see www.epson.com/hdrcompatibility | ⁴ No required maintenance for the light source for up to 20,000 hours. Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m³ of particulate matter. Time varies depending on usage conditions and environment. Replacement of parts other than the light source may be required in a shorter period. | ⁵ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁶ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.



Epson America, Inc.
3131 Katella Ave., Los Alamitos, CA 90720

Epson Canada Limited
185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
www.epson.ca

Contact:



Specifications and terms are subject to change without notice. EPSON and the 3LCD logo are registered trademarks of Seiko Epson Corporation. PrivateLine, PRO-UHD and SilverFlex are registered trademarks and Epson Connection is a trademark of Epson America, Inc. SmartWay is a registered trademark of the U.S. Environmental Protection Agency. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2024 Epson America, Inc. CPD-65154 10/24