Optoma

Photon Life PK31
Photon Life PK31 Home Projector

PHOTON® LIFE | LED | 4K UHD

- **Photon Life - Perfect for any room in the house**

- **4K UHD RGB LED Technlology - 900 lumens that brings bold and clear visuals. Perfect for movie nights or gaming with friends, the Photon Life 100 delivers stunning performance with up to 30,000 hours of virtually maintenance-free viewing.**

- **Quick and easy setup - Lightweight design with Auto vertical keystone for simple and flexible setup**

- **Built in speaker - No need for extra equipment with the 5W built-in speaker**

Bring 4K to any room with the Optoma Photon Life PK31. Enjoy ultra-sharp visuals with 900 ISO lumens, HDR, and 90% DCI-P3 colour. With LED tech, 30,000 hours of virtually maintenance-free viewing, built-in audio & easy setup—cinema just got portable.

Specifications

The following specifications are preliminary and subject to change without notice

Display/image

Display technology	DLP®
Resolution	UHD (3840x2160)
Brightness	900 lumens
Brightness (HK)	1,600
Contrast ratio	400:1
Contrast ratio - dynamic	200,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9
Keystone correction - vertical	30°
Has vertical auto keystone correction	Yes
Horizontal scan rate	23-240Khz
Vertical scan rate	15-255Hz
Uniformity	90%
Screen size	1.52m ~ 3.81m (60" ~ 150") diagonal

Lamp info

Light source type	3 LED
LED life	30,000 hours

Optical

Throw ratio	1.5:1 ~ 1.65:1
Projection distance	1.99m - 5.47m / 78.35" - 215.35"
Zoom	1.1
Zoom type	Manual
Focal length	15.8 ~ 17.4
Native offset	105%

Connectivity

Connections	**Inputs** 1 x HDMI 2.0
	Outputs 1 x USB-A power 2A, 1 x Audio 3.5mm

General

Noise level (min)	30dB
Noise level (max)	32dB
PC compatibility	VGA_60, VGA_72, VGA_75, VGA_85, VGA_120, SVGA_56, SVGA_60, SVGA_72, SVGA_75, SVGA_85, SVGA_120, XGA_60, XGA_70, XGA_75, XGA_120, SXGA_75, SXGA_85, SXGA_60, SXGA_72, SXGA_75, SXGA_85, QuadVGA_75, SXGA+_60, UXGA_60, Mac G4, MAC13, Mac G4, Mac G4, MAC19, MAC21, WXGA_60, WXGA_75, WXGA_85, WXGA_60, WXGA_60, WXGA_120-RB, WXGA+_60, 1680x1050_60, 1920x1080_RB, 1920x1080_EIA, 1920x1080_120, 1920x1080_240, 1920x1200-RB, 2560x1440_60 (RB), 2560x1440_120 (RB), 3840x2160_30, 3840x2160_60
2D compatibility	480i, 480p, 576i, 576p, 720p_60, 720p_50, 1080i_60, 1080i_50, 1080p, 2160/24P, 2160/25P, 2160/30P, 2160/50P, 2160/60P
3D compatibility	Yes
3D	Full 3D
Security	Kensington Lock
IP rating	IP5X (Optical Engine only)
OSD / display languages	25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese
24/7 operation	Yes
360° operation	Yes
Operating conditions	Operating Altitude: Without high altitude mode, 0°C~35°C@1499m above sea level. With high altitude mode, 0°C~30°C@1500m~3000m above sea level. Non-Operating Altitude: 30℃@0~12,200m above sea level.
Remote control	Yes
Speaker count	1
Watts per speaker	5W
In the box	Adaptor (150W) Remote control Basic user manual 2x AAA Battery
Input lag	4.60ms

Power

Power supply	VAC 100-240V (50/60Hz)
Power consumption (standby)	0.5W
Power consumption (min)	53W
Power consumption (max)	110W

Weight and dimensions

Dimensions (W x D x H)	238 x 215 x 130 mm / 9.37" x 8.46" x 5.12"
Gross weight	4 kg / 8.82 lbs
Net weight	2.2 kg / 4.85 lbs