

PK230R

Compact 4,300lm Full HD Laser Business Projector with Miracast



The Optoma PK230R is a 4,300-lumen 4K UHD laser projector featuring Miracast wireless screen sharing for seamless presentations. This compact, maintenance-free solution features a 30,000-hour DuraCore laser light source, 1.6x optical zoom, smart control, and centralized IT management via Optoma Management Suite (OMS™) to support 24/7 reliability and efficient operation.

4,300-lumen brightness – Clear projection for spaces with ambient light

- 30,000h laser life – DuraCore laser ensures long-term reliability and low TCO
- 1.6x optical zoom & geometric correction for versatile room placement
- Miracast – Wireless screen mirroring for seamless presentations
- Optoma Management Suite (OMS™) – Enables centralized monitoring and control across multiple devices
- Optoma Smart Control App – Intelligent screen alignment and remote control directly from your mobile device



Specification

Display

Technology	DLP®
Resolution	4K UHD (3840x2160)
Brightness	4,300 Lumens
Contrast ratio	300,000:1
Contrast ratio (Dynamic)	2,000,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3, 16:9, 16:10, Full, Auto, Native
Keystone correction - horizontal	+/-30°
Keystone correction - vertical	+/-30°
Horizontal scan rate	15~150 KHz
Vertical scan rate	24~240 Hz
Uniformity	75%
Screen size	30"~300"



Light source

Light source type	Laser
Light source life	30,000 hours (Eco mode)

Optical

Throw ratio	1.4:1 ~ 2.24:1
Projection distance	1m~ 10m (mechanism travel) ; 1.4m to 4.5m (Optical travel)
Zoom	1.6
Zoom type	Manual
Focal length	20.91~32.62mm
Native offset	114% (+/-5%)
Lens shift	n/a

Connectivity

Connections- Inputs	HDMI 2.0 x 2, VGA In x 1, Audio 3.5mm x 1
Connections - Outputs	USB-A 2.0 x 3, 3D Sync Out x 1, Audio 3.5mm x 1
Connections - Control	RJ45 x 1, RS232 x 1, 12V Trigger x 1

Specification

General

Noise level (min)	29 dB(A)
Noise level (max)	29 dB(A)
PC compatibility	VGA,SVGA,XGA,720p,WXGA,SXGA,SXGA+,UXGA,1080p,WUXGA
2D compatibility	NTSC,PAL,SECAM,SDTV,HDTV,UHD
3D compatibility	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	27 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Vietnamese
24/7 operation	Yes
360° operation	Yes
Operating conditions	Max Temperature(operating): 0 ~ 40°C; Tolerance +/- 2°C, Max Altitude(operating): 10,000 ft., for 0°C~30°C, Max humidity(operating): 80% RH, non-condensing
Remote control	Business remote control
Speaker count & Watts per speaker	1 x 15W
Input lag	4K/ 60Hz: 16.7 ms 1080P/ 60Hz: 16.7 ms 1080P/ 120Hz: 8.6 ms
In the box	AC power cord Remote control 2 x AAA batteries Quick start user manual

Networking

LAN control	Yes
24/7 operation	Yes
360° operation	Yes

Power

Power supply	AC 100 ~ 240 V, 50 ~ 60 Hz
Power consumption (standby)	≤0.5 W
Power consumption (eco mode)	125 W@110VAC 124 W@220VAC
Power consumption (bright mode)	178 W @110VAC 176 W @220VAC

Specification

Weight and dimensions

Dimensions (W x D x H)	W/o feet: 216 x 274 x 108.5mm (10.8 x 8.5 x 4.3 inches) With feet: 216 x 274 x 114mm (10.8 x 8.5 x 4.5 inches)
Gross weight	4.3 kg / 9.5 lbs
Net weight	2.9 Kg / 6.4 lbs

Applicable software

Optoma Management Suite	Yes
Optoma Smart Control App	Yes