

# PK230R

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

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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

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## 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"

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## Light source

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

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## 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

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## 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

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## General

<b>Noise level (min)</b>	29 dB(A)
<b>Noise level (max)</b>	29 dB(A)
<b>PC compatibility</b>	VGA,SVGA,XGA,720p,WXGA,SXGA,SXGA+,UXGA,1080p,WUXGA
<b>2D compatibility</b>	NTSC,PAL,SECAM,SDTV,HDTV,UHD
<b>3D compatibility</b>	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
<b>Security</b>	Security bar, Kensington Lock, Password protected interface
<b>OSD / display languages</b>	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
<b>24/7 operation</b>	Yes
<b>360° operation</b>	Yes
<b>Operating conditions</b>	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
<b>Remote control</b>	Business remote control
<b>Speaker count &amp; Watts per speaker</b>	1 x 15W
<b>Input lag</b>	4K/ 60Hz: 16.7 ms 1080P/ 60Hz: 16.7 ms 1080P/ 120Hz: 8.6 ms
<b>In the box</b>	AC power cord Remote control 2 x AAA batteries Quick start user manual

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## Networking

<b>LAN control</b>	Yes
<b>24/7 operation</b>	Yes
<b>360° operation</b>	Yes

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## Power

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

# Specification

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## Weight and dimensions

<b>Dimensions (W x D x H)</b>	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)
<b>Gross weight</b>	4.3 kg / 9.5 lbs
<b>Net weight</b>	2.9 Kg / 6.4 lbs

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## Applicable software

<b>Optoma Management Suite</b>	Yes
<b>Optoma Smart Control App</b>	Yes