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Optoma presents a residential laser 4K projector option-- the UHZ65, a laser-based projector able to produce 4K images as large as 14-inch from just 3.3m distance.

The UHZ65 carries a laser-phosphor light engine producing up to 3000 lumens of brightness and contrast levels reaching 2000000:1 with Dynamic Black enabled. A Texas Instruments (TI) 4K DLP UHD chipset includes XPR processing to display 8.3 million pixels, while PureMotion image processing technology eliminates noise, motion blur and judder in fast-motion video.

The company adds the projector is compatible with the HDR10 format, as well as the Rec. 709, DCI-P3 and Rec. 2020 colour gamuts. The laser-phosphor light engine promises low maintenance requirements and up to 20000 hours of operational life. Other installer-friendly features include vertical lens shift, 1.6x zoom and RS-232 for control.

Connectivity comes through HDMI 2.0 (with HDCP 2.2, MHL 2.1 and full 18Gbps compatibility), HDMI 1.4, VGA, audio-in (3.5mm), audio-out SPDIF Out (optical/2-channel only), USB (for service), USB-A power and RJ45.

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