

4K CAPABLE

Megapixel values continue to climb with each new generation of cameras, so the devices we use to view the images must increase their resolving capacity. With 4K video now showing up even in some compact cameras, it may be time to consider upgrading your desktop monitor. Here are some new options to help you see how good your latest camera really is. —*Adam Ryder*

❶ Planar IX2851 \$500

This 28-inch (diagonal measurement) display achieves a 10-bit color depth that is common for 4K displays. However, it does so by employing an 8-bit panel with Frame Rate Control (FRC) technology that boosts color rendition by rapidly alternating between colors. **HOT:** For a large 4K monitor, you can't beat this price. **NOT:** Its 300 candelas-per-square-meter (cd/m²) brightness is lower than some.

❷ LG 27UD88-W \$700

With 350 cd/m² brightness, this 27-inch monitor covers 99% of the sRGB gamut—over a billion colors. Concerned about late-night computer usage? It has a flicker-free display and optional “Reader Mode” that reduces blue light output. **HOT:** Offers one USB 3.0 Quick Charge port for powering up mobile devices fast. **NOT:** With three USB ports, if you have lots of peripherals you may be left wanting more.

❸ Viewsonic VP2780-4K \$700

Power users should be interested in this 27-inch monitor's support for up to four Full HD video sources, for managing multiple computers without losing resolving power. Don't be afraid to leave it on, either—its LED backlight is designed for 30,000 hours (more than three years) of continuous use. **HOT:** Sports a scratch-resistant, anti-glare coating for bright studio environments. **NOT:** Although it has four USB 3.0 ports, none of them are of the phone-friendly Quick Charge variety.

❹ Lenovo ThinkVision X1 \$800

Skype-loving shooters looking for a 27-inch display take notice, this model includes a Full HD camera, dual-array microphone, and stereo speakers. What's more, the eco-conscious will be happy to know its display uses arsenic-free glass and has zero mercury content. **HOT:** With almost no bezel, images bleed almost edge-to-edge. **NOT:** Minimalists may dislike the asymmetrical camera and large speakers.

❺ HP DreamColor Z32x \$1,600

Large and precise, the huge 32-inch screen on this monitor comes color-calibrated right from the factory. Unlike most of the monitors in this Roundup, it is natively 10-bit and does not rely on FRC technology to enhance its color rendition. **HOT:** With 40,000 hours LED backlight life, you can expect to use it for quite a while. **NOT:** While this display has fantastic specs, it won't win any beauty contests.

❻ NEC PA322UHD-BK-2 \$3,000

The 32-inch display on this device can be integrated with touch-sensitivity for photographers who prefer a hands-on experience. It's not just versatile though: the 10-bit screen can reproduce more than 99% of Adobe's industry-standard 1998 color profile. **HOT:** With five USB 3.0 ports, high-speed connectivity to your peripherals is a cinch. **NOT:** No freebies—the hood is sold separately.

❼ Dell UltraSharp 30 OLED \$5,000

Unlike the others here, this hefty display uses organic LEDs in its screen. This gives the monitor a wider viewing angle and, because it doesn't require a backlight like LCD-based screens do, it can more effectively render blacks. **HOT:** Ships with an optional VESA-mount arm for greater installation options. **NOT:** Despite the rich contrast Dell promises from the screen, sticker shock may deter many.

