**SmallHD**

**News Release**

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www.smallhd.com

**SmallHD Launches Quantum 32:**

**Quantum Dot OLED HDR Reference Monitor**

*Raleigh, NC, April 12, 2024* — SmallHD announces the [Quantum 32](https://smallhd.com/pages/quantum-32?utm_source=lewiscommunications&utm_medium=referral&utm_campaign=quantum32) – a new 31.5” OLED monitor designed to provide reference HDR/SDR images for post-production final color grading, as well as critical on-set monitoring for Cinematographers, DITs, and Directors. Quantum 32 leverages next-gen Quantum Dot OLED display technology that combines unprecedented luminance and color uniformity with an exceptionally wide viewing angle. As a complete set-to-post monitoring solution, Quantum 32 meets the highest standards for picture contrast and color accuracy, with customizable software tools as well as a rugged and lightweight chassis, rich with integrated mounting options and accessories.

“Our R&D team continues to pour effort into evolving our hardware/software platform to enable development of monitors that can achieve the color-critical requirements of the best eyes in the world,” says Greg Smokler, VP Cine Products. “This collaboration with Samsung Display allows us to combine their world-leading quantum-dot OLED display technology with our Emmy Award-winning monitor platform to deliver the best monitor display SmallHD has ever made.”

**A Quantum Leap in Display Technology**

Quantum 32’s Quantum Dot OLED self-emissive display panel is an innovative implementation of 2023 Nobel Prize-winning nanotechnology. Developed by Samsung Display, QD-OLEDs direct high-energy light from blue organic LED (OLED) into a layer of printed red and green quantum dots. The quantum dots are optimized for maximum light transmission; when the quantum dot sub-pixels are excited by blue light, they become photoluminescent, emitting very pure red and green light while the blue light is directly passed through. The result is an exceptionally wide range of volumetric color expressions that more closely approximate human vision when compared to conventional OLED.

**Powered by PageOS**

PageOS – the powerful and unparalleled monitor operating system from SmallHD – is the intuitive monitor control center that has become ubiquitous on movie sets around the world. Adding to an already robust feature set that includes exposure tools like EL Zone, Waveform, Vectorscope, and Monitor Calibration Wizard with Calman integration, SmallHD’s next update will include new features and tools such as:

* Simplified Color Pipe User Interface
* New rotary control knobs for improved tactile adjustment of tools and settings
* Multi-view – compare multiple inputs, color pipes, and LUTS
* Fleet Control monitor network app
* WiFi adapter support for wireless monitor control

These features and more are why PageOS is the most capable, flexible, and advanced monitor control system in our industry.

**Durability and Versatility**

The SmallHD Unibody Smart Chassis offers multiple, interchangeable mounting points, DC power IN and 2-pin power OUT, pre-threaded (M4) 100mm pattern mount, dovetail mounting rail for battery plates and other accessories, and support for a new WiFi dongle. Quantum 32 ships ready for color-critical studio and broadcast desktop use and includes a top handle and cheese plate inserts for mobile field production configurations.

**Learn more** [**at SmallHD.**](https://smallhd.com/pages/quantum-32?utm_source=lewiscommunications&utm_medium=referral&utm_campaign=quantum32)

**Pricing**:$12,999

**QD-OLED 32 Specifications**:

Display Tech: Quantum Dot OLED

Resolution: 3840x2160

Bit Depth: True 10-bit

Color: 99% DCI-P3 / 80% BT.2020

Contrast Ratio: 1,500,000:1

Peak Brightness: 1000nits

SDI: 4x 12G-SDI Input

4x 12G-SDI Output

HDMI: 1x HDMI 2.0 In, 1x HDMI 2.0 Out

Control Ports: RJ-45 Ethernet

Power Input: 1x 3-pin XLR (XXXW max, XXV-XXV, XXA max)
Battery Options: 1x Dual-GM/VM Batt.Plate (26V) (optional accessory)

Power Outputs: 2x 2pin (12V / 2A combined), 1x USB-A (2.4A), 1x USB-A (1.5A), 1x USB-C (5V / 1.5A)

WiFi Adapter: RP-SMA (female) antenna connector

Data I/O: 1x SD Card Slot, 1x RJ45 Ethernet, 1x RJ45 GPI

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**About SmallHD:**

Founded in 2009, SmallHD is an Emmy® Award-winning innovator of monitoring solutions for professional cinematographers, videographers, and photographers worldwide. Creators of the world’s first high-definition on-camera monitor, SmallHD continues to push the envelope of what’s possible in on-camera, studio, and production displays. [www.smallhd.com](http://www.smallhd.com/)

**About Videndum Creative Solutions**

Headquartered in Southern California, Videndum Creative Solutions develops, manufactures, and distributes premium branded products and solutions for film and video production companies, independent content creators, and broadcasters. Comprising the brands Teradek, SmallHD, Wooden Camera, and Amimon, Creative Solutions products are used around the world for film and television production, sports, news, live events, and online streaming. Creative Solutions has manufacturing and R&D centers in the US, UK, Israel, and continental Europe.

For additional inquiries, please reach out to pr@cs.inc.