



## Samsung Electronics Launches Quantum Dot Curved Gaming Monitor

*New CFG70 Monitor Provides a More Immersive Gaming Experience with Ultra-Fast 1 ms Response Time and Detailed Color Presentation*

**SEOUL, Korea – October 17, 2016** – Samsung Electronics today announced the global launch of its newest industry-leading gaming monitor. The CFG70 curved monitor, designed specifically for professional gamers, includes enhanced picture quality and player-friendly features for a truly immersive gaming experience. The display was first introduced at the Gamescom 2016 and IFA 2016 conferences.

As the industry's first curved gaming monitor to feature quantum dot technology, the CFG70 monitor (24- and 27-inch models) expresses brilliant and accurate colors across a 125 percent sRGB spectrum. This added luminance produces a 3,000:1 contrast ratio and amplifies previously-hidden gaming details in both light and dark settings. The monitor also employs an environmentally-safe, cadmium-free design.

“With the introduction of quantum dot technology to our pioneering curved monitors, Samsung offers a look into the future of gaming, along with a level of picture quality like the industry has never seen before,” said Seog-gi Kim, Senior Vice President, Visual Display Business at Samsung Electronics. “The CFG70 makes gamers feel as if they are part of the action, and represents Samsung’s most powerful and visually-compelling curved monitor to date.”

### **Fast Speed and Smooth Game Play**

By combining Samsung’s advanced motion blur reduction technology with its VA panel, the CFG70 is the first curved monitor to produce a 1 ms moving picture response time (MPRT). The rapid MPRT rate reduces display transitions between moving and animated objects, and in turn eliminates potential visual distractions.

The CFG70 also leverages integrated AMD FreeSync Technology over HDMI functionality to synchronize the screen’s 144 Hz refresh rate with users’ AMD graphics cards. This connectivity minimizes image tearing, input latency and stutter that can disrupt gameplay and escalate visual fatigue.

### **Optimized Gaming Experience**

Samsung has equipped the CFG70 with a range of user-friendly gaming UX that drives more convenient and easily-accessible game management. The CFG70 includes a dedicated gaming interface with an intuitive settings dashboard to better allow gamers to modify and personalize their gameplay settings. Each CFG70 monitor also offers a series of hotkeys on the front and back of the display for users to easily adjust gameplay settings.

To further inspire gamer immersion and bring out the best in even the most complex game designs, including compatibility with the FPS, RTS, RPG and AOS genres, each CFG70 monitor undergoes rigorous pre-shipment factory calibration. This process optimizes various settings, including contrast ratios, black gamma levels for enhanced brightness and white balance levels for temperature management. As a result, gamers can enjoy a sharp and brilliant picture regardless of the game in play.

### **Comfortable and Immersive Viewing with the Curved Design**

The CFG70's "Super Arena" design, featuring industry-best 1,800R curvature and a 178-degree ultra-wide viewing angle, is formatted to match the natural curve of the human eye. Complementary sound-interactive LED lighting further creates a lifelike presentation and keeps users focused during the most paramount moments.

Additionally, the Japan Institute of Design Promotion (JDP) recently named the CFG70 as a recipient of its annual Good Design Awards, which honor technologies that "improve the quality of life, industry and society." The JDP acknowledged the efficiency and performance of the CFG70's advanced gaming interface and convenience-driving composition.

For more information about Samsung's curved gaming monitors, as well as related Samsung Newsroom articles including photos and videos, please visit [news.samsung.com](https://news.samsung.com).

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