The deepest screen curve for the most deeply immersive viewing experience

Discover a truly immersive viewing experience with the Samsung monitor curved more deeply than any other. Wrapping around your field of vision like your local iMax theater screen, the 1800R screen — with its 1800mm radius of arc for greater curvature — creates a wider field of view, enhances depth perception, and minimizes peripheral distractions to draw you deeper in to your content. So whether it is an online movie, a favourite TV show, or a pulse-racing game, Samsung’s deeper screen curve will fully immerse you in all your multi-media content.

1800R screen for increased viewing comfort

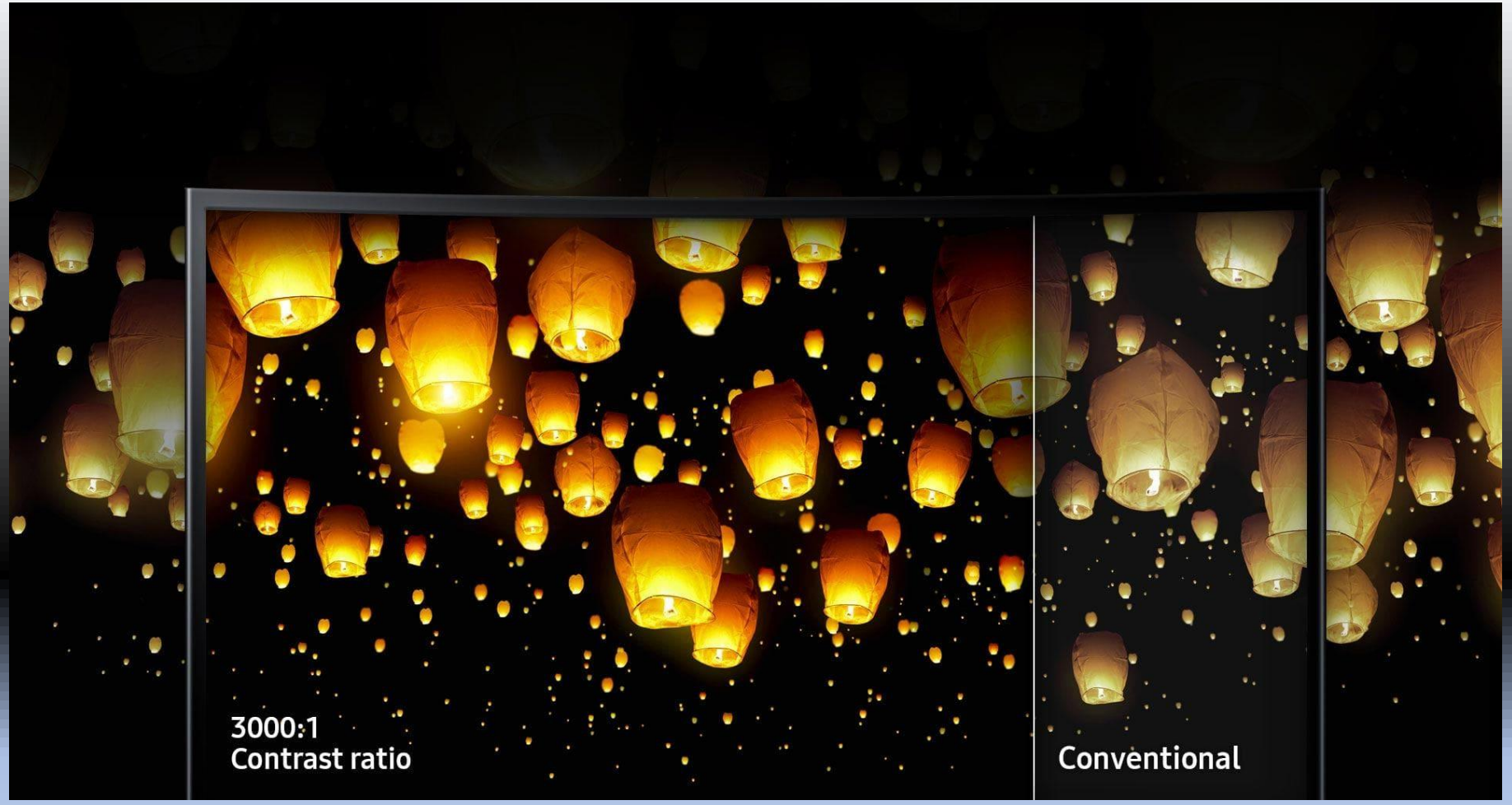
• 1800R screen curve: the greater curvature of the 1800R screen allows your eyes to track smoothly across the entire display while maintaining a constant viewing distance.

• In clinical tests conducted by Seoul National University Hospital Department of Ophthalmology, this was shown to reduce eye strain in users compared to viewing a flat screen monitor

Samsung's advanced VA panel for minimized light leakage and deeper, more uniform blacks

The vertically aligned liquid crystals in Samsung’s VA panels block backlighting more effectively than IPS panels as the screen curves to minimize light leakage and deliver deeper, more uniform blacks from edge to edge.

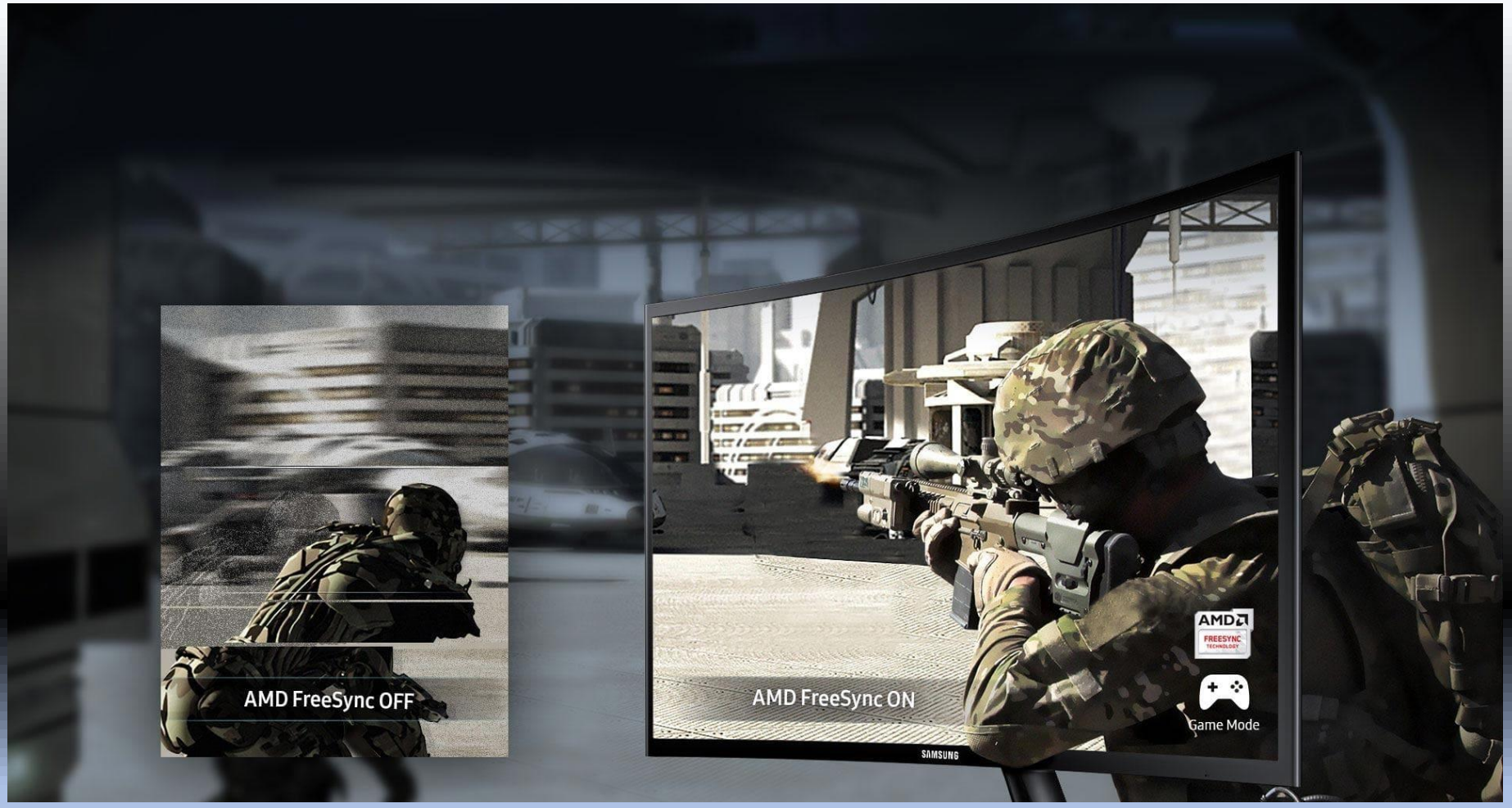
Superior image quality with Samsung's advanced display technology



• Best-in-class 3000:1 contrast ratio: Samsung's VA panel technology provides a 3000:1 contrast ratio that delivers deeper blacks, more brilliant whites, and richer colors for clearer, more vibrant images

• Reduced light leakage: Samsung's curved display technology minimizes light leakage from the screen edges to ensure more uniform blacks across the entire viewing area

Flawlessly smooth gameplay with AMD FreeSync



• AMD FreeSync: By dynamically syncing screen refresh rate with image frame rate, AMD FreeSync minimizes stutter and ensures flawlessly smooth gameplay

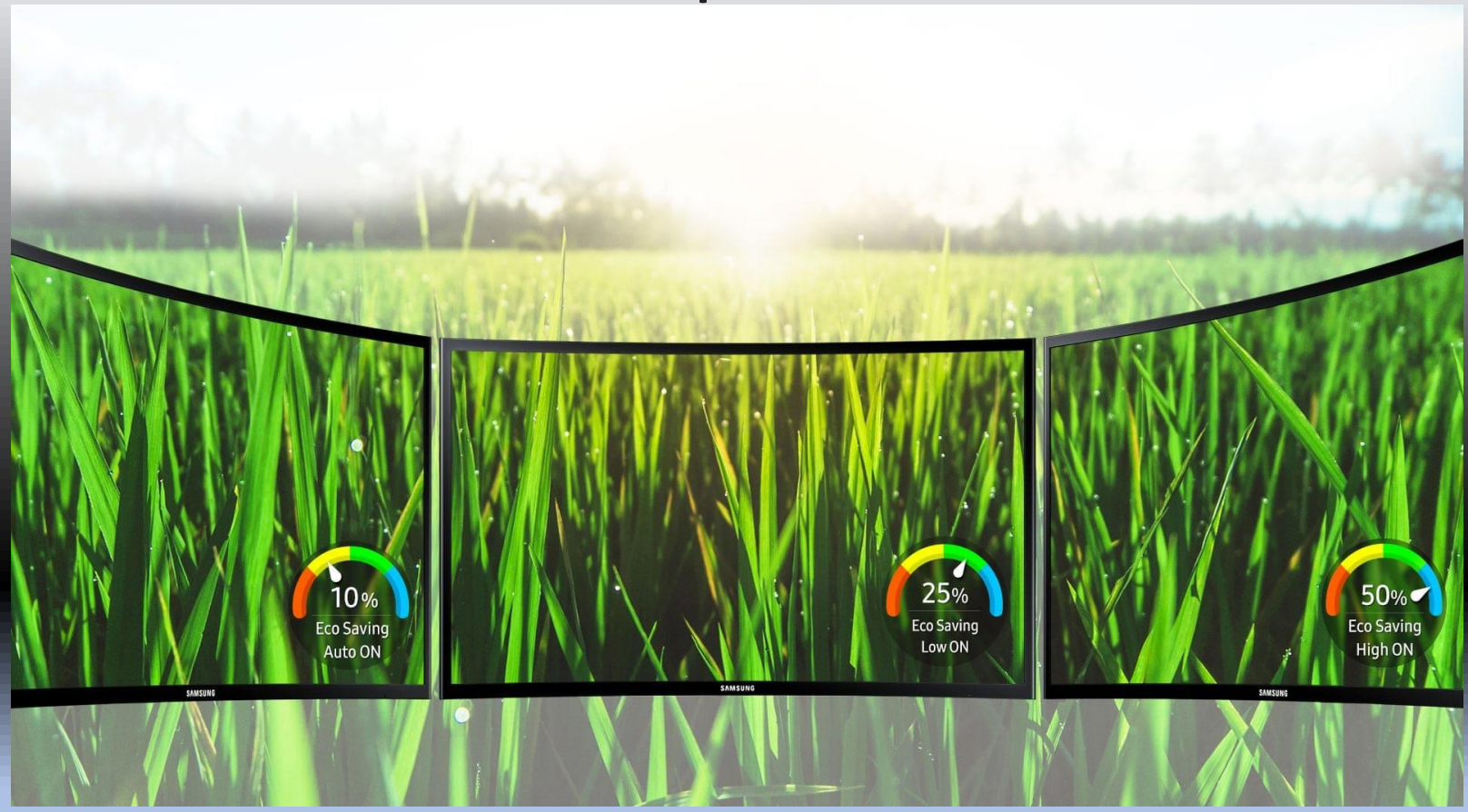
• Game Mode: Game mode instantly optimizes screen colors and contrast for gaming to ensure you enjoy every scene at its best

Incredibly slim profile and stylish curved design

• Super slim curved panel: With an astonishingly slim 11.9mm profile — as slender as a ballpoint pen — the solid curved panel is more than half as slim as previous curved-screen models

• Simple circular stand: a simple circular stand elegantly complements the slender curved panel

Samsung eco-saving technology reduces energy consumption and environmental impact



• Energy-saving auto brightness setting: Samsung's eco-saving technology fluidly adjusts display brightness based on the luminescence of screen blacks to reduce energy consumption by up to 10%*

• Dual manual brightness settings: Screen brightness can also be set manually to 25% or 50% of maximum

* Based on internal testing

Easy on the eyes for a more comfortable viewing experience

• Eye Saver Mode: By reducing blue light emissions — which stimulate the retina more than other colors — Eye Saver Mode reduces eye fatigue and provides a more comfortable viewing experience.

• Flicker Free: Samsung’s Flicker Free technology minimizes distracting screen flicker to let you work and play for longer in greater comfort.

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