

34" Full HD Curved Monitor with Quantum Dot Technology
LC34F791WQUXEN

3440 x 1440 Resolution
21:9 Aspect Ratio
1500R Screen Curvature
300cd/m2 Brightness (Typical)



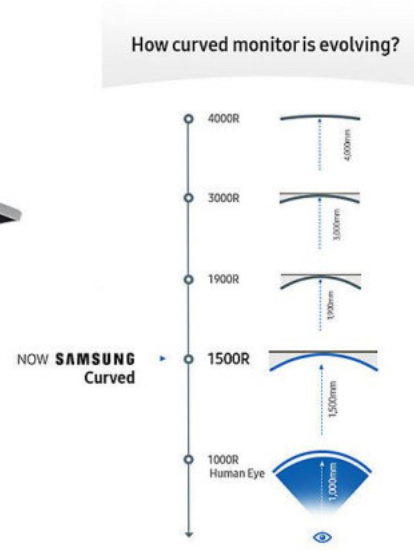
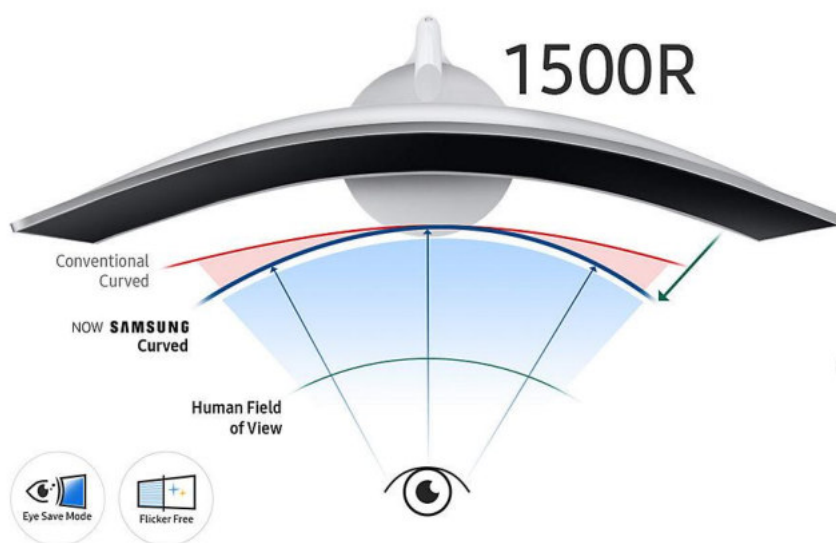
Multitask to the max on a single monitor

Forget about the inconvenience of dual monitors — with the 21:9 ultra-wide screen you can experience truly seamless multitasking on a single monitor. For total flexibility, Samsung's Picture-by-Picture (PBP) function lets you connect two input sources using HDMI and DP while maintaining the original image quality. And with Picture-in-Picture (PIP) you can resize the second image to cover up to 25% of the screen and position it anywhere.



Curved like your eyes for proven viewing comfort

Samsung's 1500R curved screen, with the deepest curvature of all its competitors, is precision engineered to match the natural curvature of your eyes more closely than any other monitor. In a study conducted by the Department of Ophthalmology at Seoul National University Hospital, the deeper curve resulted in reduced eyestrain among viewers compared to flat-screens or other less curved monitors. With Samsung Flicker Free technology and Eye Saver Mode reducing fatigue-inducing blue light emissions, you simply can't get a more comfortable viewing experience



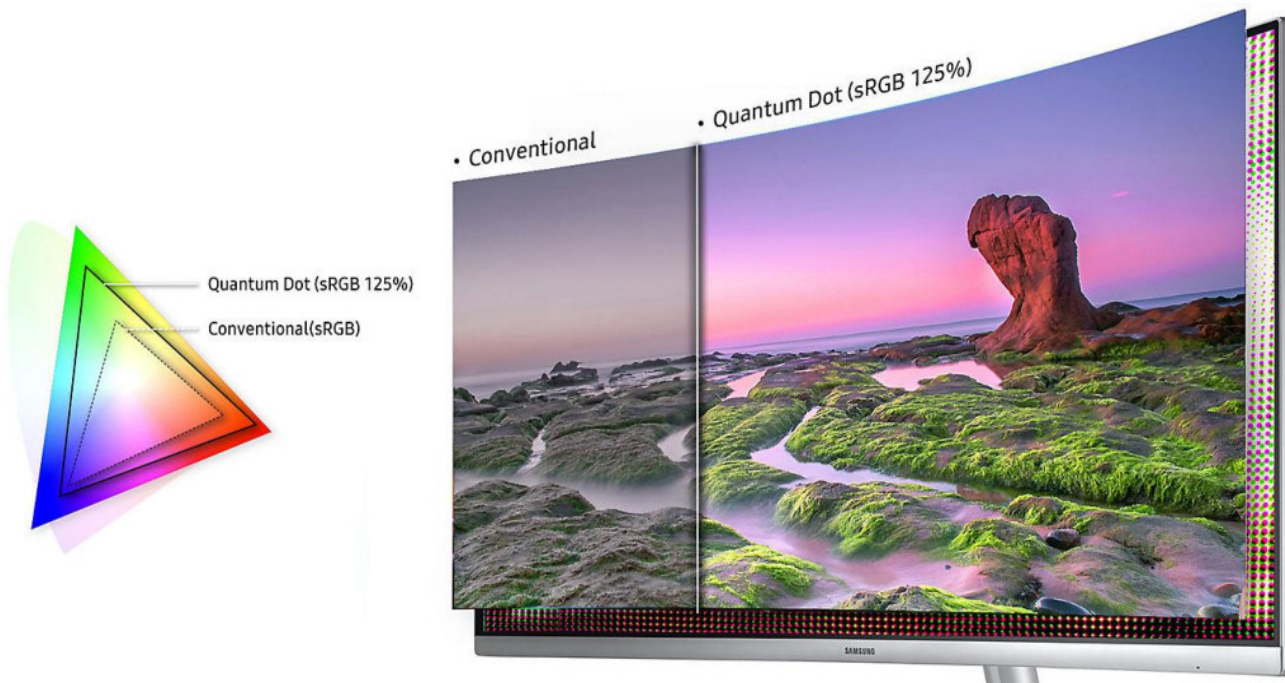
Ultra WQHD for incredible image detail and a wider workspace

Ultra WQHD enables a screen resolution of 3440x1440 — 2.5 times the pixel density of Full HD — that delivers razor-sharp images. The greater pixel density also creates a wider screen workspace, so you see more content at once without having to scroll and zoom excessively when surfing the web or viewing large files.



More accurate and life-like colours with Quantum Dot Technology

Supporting up to 125% sRGB colour space, Quantum Dot technology delivers not only more colours than conventional monitors, but colours that are brighter, crisper, and more natural — particularly reds and greens. And because every monitor is factory calibrated, you can be sure you always see the most accurate and life-like images.



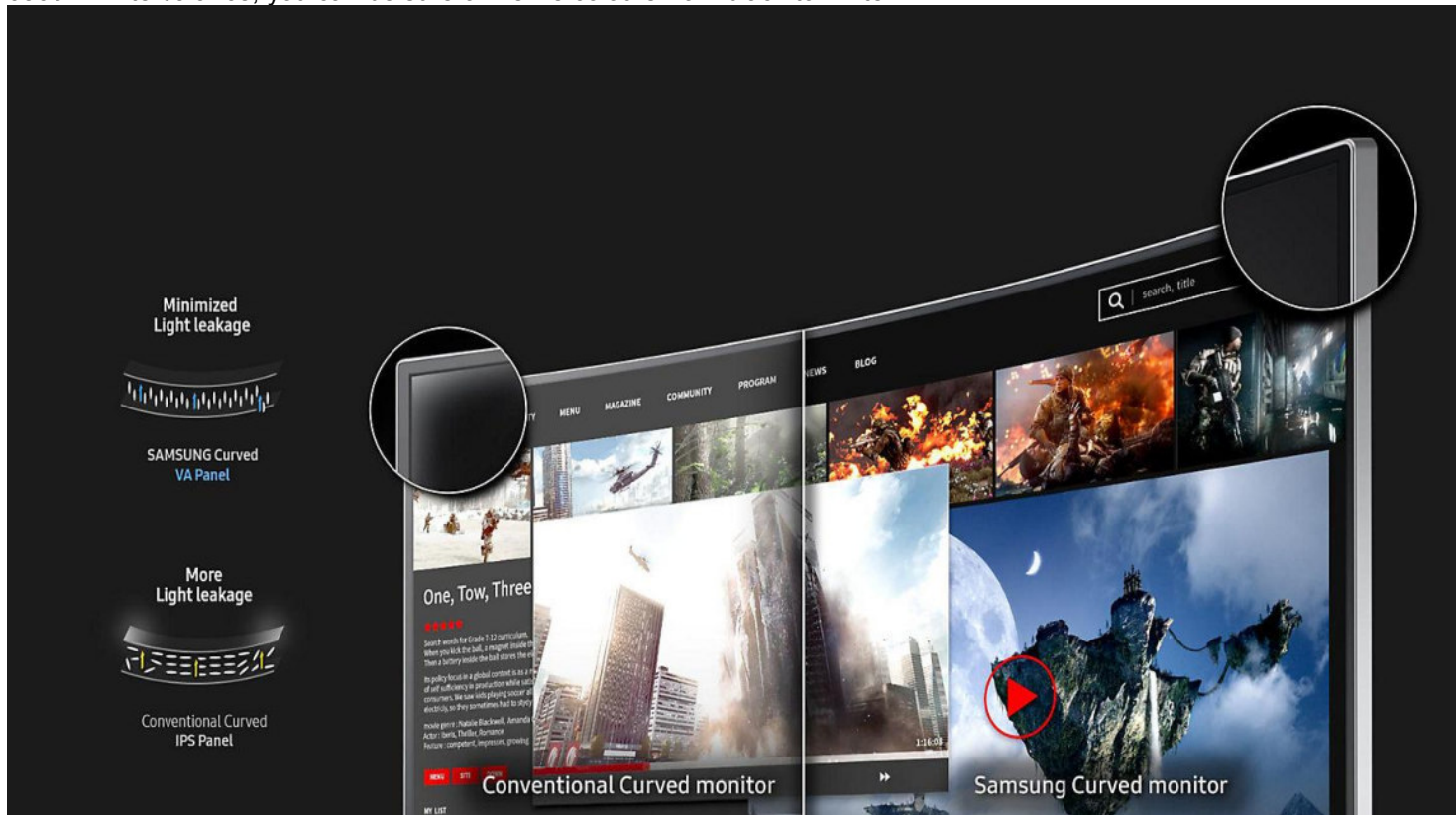
An immersive viewing experience like no other

The 34" ultra-wide curved monitor gives you an immersive widescreen viewing experience like no other monitor. With its deeper curve enveloping your field of vision like an iMax theater screen with the deepest curvature amongst all other competitive products, the 1500R screen lets you enjoy the full cinematic beauty of movies and puts you right at the heart of all gaming action.



Best in class 3000:1 contrast ratio and minimal light leakage

Samsung's advanced VA panel technology minimises light leakage across the entire screen - right up to the corners - and delivers a best-in-class 3000:1 contrast ratio for deep blacks. And with factory-calibrated gamma values and 6500K white balance, you can be sure of lifelike colours from black to white.



Flawless game play

Packed with features to satisfy the most dedicated gamers, this premium curved monitor boasts a 100hz screen refresh rate for minimal stutter, a 4ms response time for blur-free action scenes, and AMD Freesync for silky smooth gameplay. And with Game Mode letting you instantly optimise screen brightness and contrast ratios, you'll also enjoy spotting your enemies faster in any kind of game.



Unparalleled sophisticated design

Effortlessly combining function and style, the 34" ultra-wide curved screen is bezelless on three sides enhancing its classy figure and seamless viewing. The glossy white rear casing, curving horizontally and vertically, incorporates a hatch to keep cables neatly stowed. And the anti-glare panel is supported on a functional swing-and-tilt, height adjustable stand, which allows precise positioning for enhanced viewing comfort.



Built-In Speakers and Multiple Ports For All Your Entertainment Needs

Dual 7-watt speakers embedded into the display let you enjoy movies, games, and online content without cluttering your desktop with auxiliary speakers or cables. And 2 HDMI, DP, and 2 USB ports provide a high-performance multiple connection interface that lets you hook up PCs, game consoles, additional monitors, and other devices with ease.



- 3440 x 1440 Resolution
- 21:9 Aspect Ratio
- 1500R Screen Curvature
- 300cd/m² Brightness (Typical)
- 3000:1 Contrast Ratio Static
- 4 ms Response Time

- Display
 - Screen Size (Inch)34.0
 - Screen Size (cm)86.4
 - Screen Size (Class)34
 - Flat / CurvedCurved
 - Active Display Size (HxV) (mm)797.22 x 333.72
 - Screen Curvature1500R
 - Aspect Ratio21:9
 - Panel TypeVA
 - Brightness (Typical)300cd/m2
 - Brightness (Min)250cd/m2
 - Peak Luminance Ratio95%
 - Contrast Ratio Static3000:1
 - Dynamic Contrast RatioMega
 - Resolution3440 x 1440
 - Response Time4 ms
 - Viewing Angle (Horizontal/Vertical)178/178
 - Colour Support16.7M
 - Colour Gamut (NTSC 1976)88%
 - sRGB Coverage125%(Typ.), 120%(Min)
 - Adobe RGB Coverage92%
 - Refresh Rate100Hz
- General Feature
 - Samsung MagicBrightYes
 - Samsung MagicUpscaleYes
 - Eco Saving PlusYes
 - Eye Saver ModeYes
 - Flicker FreeYes
 - Picture-In-PictureYes
 - Picture-By-PictureYes
 - Quantum Dot ColorYes
 - Game ModeYes
 - Image SizeYes
 - Easy Setting BoxYes
 - OS CompatibilityWindows, Mac
 - Windows CertificationWindows10
 - FreeSyncYes
 - Interface
 - Wireless DisplayNo
 - D-SubNo
 - DVINo
 - Dual Link DVINo
 - Display Port1 EA
 - Mini-Display PortNo
 - HDMI2 EA
 - Audio InNo
 - Headphone1 EA
 - USB Hub1
- Audio
 - SpeakerStereo
- Operation Conditions
 - Temperature10~40 °C
 - Humidity-20~60 %
- Calibration
 - Factory TunningYes
 - Uniformity Correction75%
 - Factory Calibration ReportYes
- Design
 - ColorWhite
 - Stand TypeHAS
 - HAS(Height Adjustable Stand)100mm (±5mm)
 - TiltHAS UP : -14°(±4°) ~ 22°(±4°), HAS DOWN : -2°(±4°) ~ 34°(±4°)
 - Wall MountYes

- Eco
 - Energy Efficiency Class C
 - Power
 - Power Supply AC 100~240VAC (±10%)
 - Power Consumption (Max) 73 W
 - Power Consumption (Typ) 70.0 W
 - Power Consumption (Off Mode) 0.3 W
 - Power Consumption (Yearly) 102 kWh/year
 - Type External Adaptor
- Dimension
 - Set Dimension with Stand (WxHxD) 808.7 x 516.0 x 309.4 mm
 - Set Dimension without Stand (WxHxD) 808.7 x 362.8 x 167.0 mm
 - Package Dimension (WxHxD) 896.0 x 589.0 x 371.0 mm
- Weight
 - Set Weight with Stand 7.6 kg
 - Set Weight without Stand 6.1 kg
 - Package Weight 13.6 kg
- Accessory
 - Power Cable Yes
 - Power Cable Length 1.5 m
 - HDMI Cable Yes
 - DP Cable Yes
 - Mini-Display Gender Yes
 - Quick Setup Guide Yes