

24" 144Hz Fully Ergonomic Gaming Display



VG2401mh



The ViewSonic VG2401mh is the ultimate 24" gaming display designed for avid gamers who appreciate the rush of excitement that improved screen performance brings. It features a rapid 144Hz refresh rate, ultra-fast 1ms response time, Game mode and aimpoint function to naturally and smoothly represent high-speed images and greater detail in dark scenes and images, making it the perfect display for FPS, RTS and fast-paced racing games. Equipped with 1920 x 1080p resolution, 30M:1 DCR and dual 3W stereo speakers, the VG2401mh delivers on the promise of crisper, superior colour performance and crystal-clear sound quality. With integrated dual HDMI and DisplayPort inputs, and USB hub connectivity, gamers have greater flexibility when connecting their game consoles, Blue-ray DVD players and other devices to their display. Plus, the VG2401mh is fully ergonomic with -5° to 20° tilt, 90° pivot and 120mm height adjustment, and boasts flicker-free and blue light filter eye-care technologies. The VG2401mh also features a built-in ECO-Mode for saving energy



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and a 100mm x 100mm VESA-compliant mount for more flexible installation options in any setting.

Ultra Smooth 144Hz Rapid Refresh Rate for Blur-Free, Natural Movement

Perfect for fast-paced racing and FPS gaming, the VG2401mh gaming monitor refreshes the screen 144 times per second – 2.4 faster than a conventional 60Hz display. This produces natural-looking, ultra smooth movement with no motion blur. Now, each of your enemy's moves is clearly seen on-screen with fluid-like smooth movement, crisp edges, and with no perceivable lagging.



Blazing-Fast Response Time for Blur-Free Action

ViewSonic's exclusive ClearMotiv™II imaging technology delivers ultra-fast 1 millisecond liquid crystal response times, creating smooth images without streaking, blurring or ghosting. This blazing-fast response time is perfect for the most graphic-intense gaming needs, and just as great for watching sports or action movies. Experience digital broadcast-quality, full-motion video with razor-sharp images that never blur.



Game Mode

ViewSonic's Game Mode provides heightened visibility and detail by brightening dark scenes. Dominate the competition with enhanced visibility, even in the darkest scenes of a video game, delivering superior colour performance for the ultimate gaming experience.



Blue Light Filter for More Comfortable Viewing

Prolonged exposure to certain levels of blue light can cause eye discomfort. ViewSonic displays feature a Blue Light Filter setting that allows users to adjust the amount of blue light emitted from the screen, enabling longer viewing times and increased eye comfort for work and multimedia applications.



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ViewSonic Flicker-Free Viewing for Improved Eye Comfort

ViewSonic flicker-free displays deliver on the promise of more comfortable viewing. Rather than using Pulse Width Modulation that continuously turns the LED backlight on and off, ViewSonic flicker-free displays use DC modulation backlights that maintain a steady stream of direct current power—nearly eliminating screen flickering at all brightness levels by providing a constant LED light source. This lets you work at your computer, play games, or watch movies longer – without eye fatigue.



Full HD 1080p for Superior Pixel Performance

The ViewSonic VG2401mh features Full HD 1920x1080 resolution for unbelievable pixel-by-pixel image performance. You'll experience the most amazing clarity and detail whether it be while gaming or enjoying the latest in multimedia entertainment. A 16:9 widescreen ratio minimizes eye fatigue even after hours of playtime, and is perfectly compatible with multi-window viewing without toggling.



Ergonomic Design for Comfort and Productivity

With advanced ergonomic features, ViewSonic displays are designed to provide a greater range of adjustment for increased productivity and comfort. Users can reduce eyestrain and physical fatigue by adjusting the monitor via 90-degree pivot, -5 to 20-degree tilt, and 120mm height adjust options.



Dual HDMI for Greater Home Entertainment Flexibility

Dual HDMI lets you connect to game consoles, Blu-ray players, digital cameras, laptops, satellite boxes, and other high-definition devices. This provides flexible installation that allows users to set up an entertainment center around the VG2401mh.



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Versatile Connectivity with DisplayPort and USB

The latest standard for rapid transmission of data, DisplayPort future-proofs the VG2401mh and delivers the best refresh rate, highest resolution, and incredibly rich colours. The VG2401mh also offers DVI connections to support even more flexibility for both digital and analog media sources. It's easy and convenient to connect additional peripherals or accessories with the integrated USB hub.



Dual Integrated Stereo Speakers and A Headphone Port for Great Sound

The ViewSonic VG2401mh has dual built-in 3W stereo speakers for crystal-clear stereo sound, and also comes equipped with an audio-out mini jack for users to plug in headphones and enjoy enhanced multimedia sound.



Planet-Friendly Mercury-Free LED Backlighting

LED backlighting enhances display performance, delivers an outstanding colour range, and adjusts contrast ratios for remarkably detailed images. ViewSonic's eco-friendly, mercury-free LED backlighting further conserves up to 25%* more energy when compared to conventional displays. In addition, LED backlighting provides for a slim, lightweight profile that saves desktop space.



Eco-Mode Conserves More Energy

ViewSonic's proprietary Eco-mode feature is built into all LED displays, offering options to select "Optimize(75%)" or "Conserve (50%)" settings that save up to 25% power. Especially in low ambient light, Eco-mode adjusts brightness and improves visibility, while reducing eye fatigue and prolonging the display's lamp life. With Eco-mode, both lamp replacement and energy expenditures are reduced.



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VESA-Mountable

The ViewSonic VG2401mh features a 100 x 100mm VESA-mountable design that allows you to mount the display on a monitor stand or on a wall, depending on your specific needs. You can easily unscrew the base, and then mount the display on its new stand or wall mount.



Aim-Point Assistant for Better FPS Gaming Accuracy

ViewSonic's Aim-Point Assistant gives you the shooting advantage and improves your FPS gaming accuracy. Aim-Point Assistant comes in two colours and fits inside the larger, less-accurate crosshairs that are featured in most popular games and vary from weapon-to-weapon. Activated by hotkey, it lets you stay centered and stay on target – both up-close and at sniper distance. Help you to shoot at the right target in short seconds.



Technical Specifications

LCD	Type	24" diagonal color active matrix TFT LCD
	Display Area	24 inch
	Optimum Resolution	1920x1080
	Contrast Ratio	1000 :1 (typical), 30,000,000:1 (DCR)
	Brightness	350 cd/m ² (typ)
	Viewing Angles	170° / 160°
	Response Time	1ms (Gdelta)
	Panel Surface	Anti-Glare type, Hard-coating (3H)
	Light Source	30000 Hrs (Min)
Colors	16.7 M (true 8-bit)	
Video Input	Digital	HDMI / DVI/DP (TMDS, 100ohms)
	Frequency	Fh: 24-160KHz; Fv: 50-145Hz
	Sync	Separate Sync/ Composite Sync/ Sync on Green



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Compatibility	PC Mac	PC Compatibles (up to 1920x1080 Non Interlaced) Mac (up to 1920x1080)
Ergonomics	Tilt Pivot Height Adjust	20° ~ - 5° 90° 0-120mm
Connector	Digital USB Audio Power	DVI-D x1, DisplayPort x1, HDMI x2 USB 3.0 x2 Earphone out x1(3.5mm plug); Audio in x1(3.5mm plug) Internal power board
Audio	Speakers	3W x2
Power	Voltage Consumption	AC 100-240V (Universal); 50/60 Hz 37W(Typ); Optimize:32W(Typ); Conserve:27W(Typ)
Operating Conditions	Temperature Humidity	32°F to 104°F (0°C to 40°C) 10% to 90% (no condensation)
Dimensions	Physical	568.2mm (width) x 529.7mm (height) x 217.9mm (depth)
Weight	Net	6.5 kg
Regulations		BSMI, PSB, C-tick, KC, e-standby, MEPS
Wall Mount		VESA® 100x100 mm

