

VG2401mh

24" 144Hz Fully Ergonomic Gaming Display

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Overview

The ViewSonic VG2401mh is the ultimate 24" gaming display designed for avid gamers. It features a rapid 144Hz refresh rate, ultra-fast 1ms response time and Game mode to naturally and smoothly represent high-speed images and greater detail in dark scenes and images. The aimpoint assistant helps gamers to stay on target and improve the shooting accuracy. The VG2401mh is 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 crisp, superior colour performance and crystal-clear sound quality. With integrated dual HDMI inputs, one DisplayPort input, and dual USB hub connectivity, gamers have greater flexibility when connecting their game consoles, Blu-ray DVD players and other devices to their display. VG2401mh is a flicker free monitor with blue light filter eye-care technologies. The VG2401mh also features a built-in ECO-Mode for saving energy. Plus, the VG2401mh is fully ergonomic with -5° to 20° tilt, 120° swivel, 90° pivot, 120mm height adjustment 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.

For more product information, visit us at www.viewsoniceurope.com

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Game Mode

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.



AIMPOINT

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 centred and stay on target – both up-close and at sniper distance. Help you to shoot at the right target in short seconds.



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



FLICKER FREE

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

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gaming or enjoying the latest in multimedia entertainment. A 16:9 widescreen ratio minimises eye fatigue even after hours of playtime, and is perfectly compatible with multi-window viewing without toggling.

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.



Blue Light Filter for More Comfortable Viewing

BLUE LIGHT FILTER

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.



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 120-degree swivel, 90-degree pivot, -5 to 20-degree tilt, and 120mm height adjust options.



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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 centre around the VG2401mh. In addition, the dual HDMI ports can also function as MHL ports for easy connectivity to mobile devices.



3 WATT x 2

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.



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. It's easy and convenient to connect additional peripherals or accessories with the integrated USB hub.



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.

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Eco-Mode Conserves More Energy

ViewSonic's proprietary Eco-mode feature is built into all LED displays, offering options to select "Optimise(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.



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.



Technical Specifications

LCD	Size	24" diagonal colour active matrix TFT LCD
	Display Area	531.36 (H) x 298.89 (V) mm
	Optimum Resolution	1920 x 1080
	Contrast Ratio	1000:1 (Typ)
	Brightness	350 cd/m2 (Typ)

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Viewing Angles	170° / 160°
Response Time	Gdelta: 1 ms
Panel Surface	Anti-Glare type, Hard-coating (3H)
Colour Support	16.7 M (true 8-bit)
Dynamic Contrast Ratio	30M:1
Backlight	WLED light bar
Backlight Life	30,000 Hrs (Min)

INPUT SIGNAL

Frequency	Fh = 24 ~138 kHz ; Fv = 50 ~120 Hz for HDMI Fh = 24 ~160 kHz ; Fv = 50 ~145 Hz for DVI / DP
Analogue	N/A
Digital	HDMI / DVI/DP (TMDS, 100ohms)

CONNECTOR

Video	DVI x1, DP x1, HDMI x2
Audio Input	3.5mm Audio in x1
Audio Out	3.5mn Headphone out x1
Power	Internal power board
USB	USB 3.0 x2
Speaker	3W x2

ERGONOMICS

Tilt	20° ~ -5°
Swivel	120°
Height Adjustment	120mm
Rotation	90°

POWER

Voltage	AC 100-240V (Universal); 50/60 Hz
Consumption	37W (Typ)
Optimize	32W (Typ)
Conserve	27W (Typ)
Power-Saving Mode (stand-by)	≤ 0.5W

OPERATING CONDITIONS

Temperature	0°C to 40°C
Humidity	10% to 90% (no condensation)

DIMENSIONS

Physical With Stand	568.2 x 529.7 x 217.9 mm
Physical Without Stand	568.2 x 335.7 x 51.2 mm
Packaging	620 x 460 x 183 mm

WEIGHT

Gross	8 kg
Net With Stand	6.45 kg
Net Without Stand	3.45 kg

REGULATIONS

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PACKAGE CONTENTS

LCD Display,
Power Cable,
Audio Cable,
DVI Cable,
USB Cable,
Quick Start Guide,
ViewSonic Wizard CD-ROM,
*Actual content may differ from market to market

VESA® MOUNT

100 x 100 mm

ViewSonic® Limited Warranty



ViewSonic provides customers with the security of a manufacturers warranty against defected products. The type and duration of the applicable warranty service varies by product type, country of purchase and can also vary on an individual basis according to customer requirements agreed at time of purchase. The warranty will expire after the end of the warranty period.