

# 24" 16:10 Aspect Ratio Ergonomic Multimedia Display

1920 x 1200 Resolution with DisplayPort Connectivity

**VG2438Sm**



The ViewSonic® VG2438Sm is a 24" high-performance multimedia display with an enlarged 16:10 aspect ratio. With additional vertical viewing space and stunning 1920x1200 resolution, the VG2438Sm is ideal for applications that require the unique 16:10 aspect ratio. It also features full ergonomic functionality including tilt, swivel, pivot, and height adjustments for maximum comfort and enhanced productivity in any enterprise environment. Equipped with ViewSonic's exclusive ViewMode feature, this display provides intuitive presets that deliver optimized screen performance for different applications. In addition, Flicker-free technology and a Blue Light Filter help to eliminate eye strain from extended viewing periods. The VG2438Sm is also equipped with SuperClear® technology that delivers excellent color performance and 178° /178° wide-angle viewing. Versatile connectivity options include future proof DisplayPort technology, DVI, VGA, and a 4-port USB hub. Integrated speakers deliver an excellent multimedia experience, while a VESA-mountable design allows for flexible placement of the display. The VG2438Sm includes ViewSonic's industry-leading pixel policy and 3-year limited warranty, ensuring the product reliability and quality that ViewSonic products consistently provide.

## See More, Work More with 16:10 Aspect Ratio

With an enlarged 16:10 aspect ratio and 1920x1200 resolution, this display enhances productivity by providing additional vertical screen space for viewing office docs, graphic design work, web browsing, and online media.

## SuperClear® Image Enhancement Technology with Wide Viewing Angles

SuperClear® Image Enhancement Technology delivers the best color performance and extends display viewing angles to 178 degrees both horizontally and vertically. Experience accurate and vivid colors with consistent levels of brightness whether looking at the screen from above, below, the front, or the side—with no color distortion or decay.



## DisplayPort Connectivity

Achieve easy data transfer of high definition video and audio with DisplayPort. For great connectivity at home, office or even gaming get the best refresh rate, highest resolution and richer colors.



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## 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 swivel, pivot, tilt, and height adjust options.



## ViewSonic Flicker-free Technology

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.



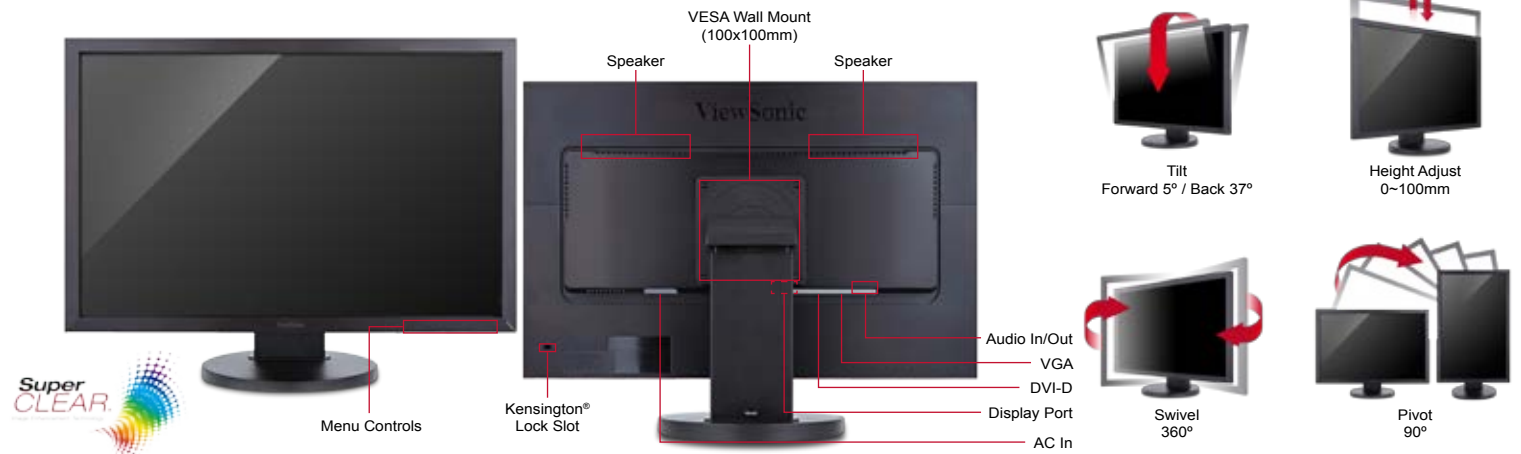
## ViewMode Settings for Enhanced On-screen Content

With five intuitive scenario presets, ViewSonic's unique ViewMode feature offers best-in-class screen calibration for accurate color rendering and excellent performance. "Game," "Movie," "Web," "Text," and "Mono" presets enhance gamma curve, color temperature, contrast, and brightness to deliver an optimized viewing experience for different screen applications.



## 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.



## Specifications

|                      |                        |  |
|----------------------|------------------------|--|
| <b>LCD PANEL</b>     | Type                   | Color a-Si TFT Active Matrix PLS   |
|                      | Display Area           | 20.4" horizontal x 12.8" vertical; 24.0" diagonal  |
|                      | Optimum Resolution     | 1920x1200  |
|                      | Brightness             | 250 cd/m2 (typ.)   |
|                      | Contrast Ratio         | 1000:1 (typ.)  |
|                      | Dynamic Contrast Ratio | 50M:1 (typ.)   |
|                      | Viewing Angles         | 178° horizontal, 178° vertical   |
|                      | Colors                 | 16.7M  |
|                      | Response Time          | 5ms (GTG)  |
|                      | Backlight              | White-light LED  |
|                      | Backlight Life         | 30,000 hours (min.)  |
|                      | Panel Surface          | Anti-glare, hard-coating (3H)  |
| <b>VIDEO INPUT</b>   | Digital                | VGA, DVI, DisplayPort  |
|                      | Frequency              | Fh: 30~80kHz, Fv: 50~75Hz  |
|                      | Sync                   | Separate Sync, Composite Sync, Sync on Green   |
| <b>AUDIO OUTPUT</b>  | Speakers               | 2-watt (x2)  |
| <b>COMPATIBILITY</b> | PC                     | Up to 1920x1200 non-interlaced   |
|                      | Mac®                   | Up to 1920x1200  |
| <b>CONNECTOR</b>     | Video In               | VGA, DVI-D, DisplayPort  |
|                      | Audio In               | 3.5mm mini jack  |
|                      | USB                    | USB 3.0 (x4)   |
|                      | Power                  | External power adapter   |
| <b>CONTROLS</b>      | Front Panel Buttons    | Power, 1, Up, Down, 2  |
|                      | OSD                    | Auto Image Adjust, Contrast/Brightness, Input Select, Audio Adjust, Color Adjust, Information, Manual Image Adjust, Setup Menu, Memory Recall<br>(See user guide for complete OSD functionality) |

|                               |                        |  |
|-------------------------------|------------------------|--|
| <b>ERGONOMICS</b>             | Tilt                   | Forward 5° / Back 37°  |
|                               | Swivel                 | 360°   |
|                               | Pivot                  | 90°  |
|                               | Height                 | 0-100mm  |
| <b>POWER</b>                  | Voltage                | AC 100-240V (universal), 50 / 60Hz                                 |
|                               | Consumption            | 30W (typ.) / 32W (max.)  |
|                               | Optimize               | 22W (typ.)   |
|                               | Conserve               | 17.5W (typ.)   |
| <b>OPERATING CONDITIONS</b>   | Temperature            | 32-104° F (0-40° C)  |
|                               | Humidity               | 10-90% (non-condensing)  |
| <b>DIMENSIONS (W x H x D)</b> | Physical with Stand    | 21.9 x 15.5 x 8.0 in. / 556.8 x 393.6 x 204.3 mm                   |
|                               | Physical without Stand | 21.9 x 14.3 x 2.0 in. / 556.8 x 363 x 51.5 mm                      |
|                               | Packaging              | 23.8 x 16.5 x 6.2 in. / 604 x 420 x 158 mm                         |
| <b>WEIGHT</b>                 | Net with Stand         | 12.7 lb. / 5.7 kg  |
|                               | Net without Stand      | 9.2 lb. / 4.2 kg   |
|                               | Gross                  | 16.2 lb. / 7.4 kg  |
| <b>REGULATIONS</b>            |                        | WEEE, RoHS, CE, CB, ENERGY STAR, EPEAT Gold                        |
| <b>RECYCLE/DISPOSAL</b>       |                        | Please dispose of in accordance with local, state, or federal laws |
| <b>WALL MOUNT</b>             | VESA®                  | 100 x 100 mm   |
| <b>WARRANTY</b>               |                        | Three-year limited warranty on parts, labor and backlight          |

## What's in the box?

VG2438Sm display, Power cable, VGA cable, DVI Cable, DisplayPort Cable, Audio cable, Quick Start Guide, ViewSonic Wizard CD (User Guide)

Specifications and availability are subject to change without notice. Selection, offers and programs may vary by country; see your ViewSonic representative for complete details. Corporate names, trademarks stated herein are the property of their respective companies. Copyright © 2014 ViewSonic Corporation. All rights reserved. [17399-01B-10/14]



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