

# VA2431wm

**24" (23.6" VIEWABLE)  
WIDESCREEN LCD**

**WITH FULL 1080P RESOLUTION**

## Full HD 1080p in an Eco package.

ViewSonic's new VA2431wm is an ENERGY STAR 5.0 certified, environment friendly 24" (23.6" viewable) widescreen monitor with integrated speakers. With 1920x1080 Full HD resolution, 100,000:1 dynamic contrast ratio, DVI and VGA inputs and VESA® mountable glossy finish design, the VA2431wm is ideal for both homes and offices. It also has an automatic aspect ratio adjustment so when your input is a 4:3 signal, the image will not be distorted and perfectly positioned in the middle of the screen with side bars. 3-year warranty, the industry's best pixel performance policy and energy saving Eco-mode make the VA2431wm the best choice for both corporate and education customers as well.



### FULL HD 1080P ENTERTAINMENT

- > **Widescreen aspect ratio with 1920x1080 resolution**  
The widescreen aspect ratio allows you to view HD content in its native format with no stretching or distortion.
- > **100,000:1 dynamic contrast ratio**  
Provides darker black levels and amazing overall front-of-screen performance.
- > **Integrated speakers for the ultimate multimedia experience**
- > **OptiSync® digital/analog inputs expand your connectivity**  
Multi-mode input technology supports both digital (DVI) and analog (VGA) signals for ultimate compatibility and configuration flexibility.
- > **Eco-mode**  
Environmentally-friendly Eco-mode reduces power consumption and extends backlight life.
- > **Certified green**  
Environmentally-friendly with ENERGY STAR® 5.0 and EPEAT-Silver certifications.
- > **Aspect ratio adjustment**  
Eliminates image distortion by maintaining correct image proportions for both widescreen and native 4:3 content.
- > **Windows® 7 and Windows Vista™ certified**
- > **PC and Mac compatible**



**VIEWSONIC**  
PRODUCTS, PROGRAMS,  
AND SERVICES

**ViewSonic®**  
See the difference® 

# VA2431wm

24" (23.6" VIEWABLE) WIDESCREEN LCD WITH FULL 1080P RESOLUTION



ViewSonic Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by TUV NORD.

Sales: (888) 881-8781 • SalesInfo@ViewSonic.com • ViewSonic.com

\*Adapter may be required. Analog adapter available from ViewSonic. Specifications 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 © 2010 ViewSonic Corporation. All rights reserved. [14889-00C-03/10] VA2431wm-1

|                                |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LCD</b>                     | Type                   | 23.6" Wide Color TFT Active Matrix LCD                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | Display Area           | 20.5" horizontal x 11.5" vertical; 23.6" diagonal                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                | Pixel Pitch            | 0.272mm horizontal x 0.272mm vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                | Optimum Resolution     | 1920x1080 WUXGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                | Contrast Ratio         | 1000:1 (typ); 100,000:1 (dynamic)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                | Viewing Angles         | 170° horizontal, 160° vertical (CR ≥ 10)                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                | Response Time          | 5ms (typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | Color Support          | 16.7M (6-bits + Hi FRC) panel                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                | Light Source           | Long life, 50,000 hrs. (typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                | Brightness             | 300 cd/m <sup>2</sup> (typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                | Panel Surface          | Anti-glare, hard coating (3H)                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>VIDEO INPUT</b>             | Analog                 | RGB analog (75 ohms, 0.7/1.0 Vp-p)                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                | Digital                | DVI-D (TMDS, 100 ohms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | Frequency              | F <sub>H</sub> : 24~82kHz, F <sub>V</sub> : 50~75Hz                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                | Sync                   | H/V separated (TTL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>COMPATIBILITY</b>           | PC                     | VGA up to 1920x1080 non-interlaced                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                | Mac®*                  | Power Mac™ up to 1920x1080 non-interlaced                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>CONNECTOR</b>               | Analog                 | 15-pin mini D-sub (VGA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                | Digital                | DVI-D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                | Audio                  | 3.5mm stereo audio line-in                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                | Power                  | Built-in power adapter, 3-pin plug                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>POWER</b>                   | Voltage                | AC 100~240V (universal), 50/60Hz (auto switch)                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                | Consumption            | 50W (typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | Eco-mode               | 31W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                | Save-mode              | ≤ 1W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AUDIO</b>                   | Speakers               | 2x2-watt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>CONTROLS</b>                | Basic                  | Power, menu [1], up [▲], down [▼], select [2]                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                | OSD                    | Auto image adjust, contrast, brightness, input select (D-sub, DVI), audio adjust (volume, mute), ViewMatch® color adjust (sRGB, 9300K, 7500K, 6500K, 5000K, user color RGB), information (resolution, H/V frequency, pixel clock, model number, serial number, website), manual image adjust (H/V position, H size, fine tune, sharpness, dynamic contrast, aspect ratio, eco-mode), setup menu (language, resolution notice, OSD position, OSD timeout, OSD background), memory recall |
| <b>ERGONOMICS</b>              | Tilt                   | Down 5°, Up 20°                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>OPERATING CONDITIONS</b>    | Temperature            | 32~104° F (0~40° C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                | Humidity               | 5~90% (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>DIMENSIONS (W x H x D)</b>  | Physical with stand    | 22.1" x 16.8" x 8.4" (562mm x 426mm x 213mm)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                | Physical without stand | 22.1" x 13.9" x 2.5" (562mm x 353mm x 64mm)                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                | Packaging              | 24.8" x 20.0" x 6.3" (630mm x 508mm x 160mm)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>WEIGHT</b>                  | Net with stand         | 11.2 lb. (5.1 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                | Net without stand      | 10.6 lb. (4.8 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                | Gross                  | 15.4 lb. (7.0 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>VESA® MOUNT REGULATIONS</b> |                        | 100mm x 100mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RECYCLE/DISPOSAL</b>        |                        | UL, CUL, FCC-B (ICES), CB, CE, CES-003B, ISO13406-2, GS, ERGO, TUV-S, NOM, GOST-R, HYGIENIC (20 copies), ENGERY STAR®, CCC, BSMI, PSB, C-TICK, MIC (KCC), SASO, WEEE, RoHS, VCCI, Ukraine, EPEAT-Silver                                                                                                                                                                                                                                                                                 |
| <b>POWER MANAGEMENT</b>        |                        | The lamp in this product contains mercury. Please dispose of in accordance with local, state or federal laws.                                                                                                                                                                                                                                                                                                                                                                           |
| <b>PACKAGE CONTENTS</b>        |                        | Meets ENERGY STAR® standards                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>WARRANTY</b>                |                        | LCD display, VGA cable, power cable, audio cable, Quick Start Guide, ViewSonic Wizard CD (User Guide & drivers)                                                                                                                                                                                                                                                                                                                                                                         |
|                                |                        | Three-year limited warranty on parts, labor and backlight.                                                                                                                                                                                                                                                                                                                                                                                                                              |

**ViewSonic®**  
See the difference® 

For more product information, visit us on the web at ViewSonic.com