

VA2231wm

**22" (21.5" VIEWABLE)
WIDESCREEN LCD**

WITH SPEAKERS AND DIGITAL INPUT

Wide view and picture perfect.

The ViewSonic® VA2231wm LCD is ideal for both home and office with its fast response time and piano black finish VESA® mountable design. A true wide monitor with 1920x1080 resolution, 100,000:1 dynamic contrast ratio, digital and analog inputs, integrated stereo speakers and Eco-mode for power savings! It has an automatic aspect ratio adjustment so when your input is a 4:3 signal, the image will not be stretched but instead it will be positioned in the middle of the screen with side bars. Three-year warranty, industry's best pixel performance policy, Windows 7 certification and Energy Star 5.0 certified, make the VA2231wm LCD 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 Full HD content in its native format with no stretching or distortion.
- > **100,000:1 dynamic contrast ratio**
Provides darkest black levels and brighter whites for better overall front-of-screen performance.
- > **ClearMotiv® 5ms video response time**
Fast 5ms video response enables digital HD broadcast-quality video.
- > **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.
- > **Aspect ratio adjustment**
Eliminates image distortion by maintaining correct image proportions for both widescreen and native 4:3 content.
- > **Multimedia Ready**
Built-in speakers provide the best audio experience
- > **VESA® compliant**
100mm x 100mm VESA® mountable design



ViewSonic®
See the difference® 

VA2231wm

22" WIDESCREEN (21.5" VIEWABLE) LCD WITH SPEAKERS AND DIGITAL INPUT



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. [14866-00C-02/10] VA2231wm-1

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|-------------------------------|------------------------|---|
| LCD | Type | 22"(21.5" Viewable) Wide Color TFT Active Matrix LCD |
| | Display Area | 18.8" horizontal x 10.6" vertical; 21.5" diagonal |
| | Pixel Pitch | 0.282mm horizontal x 0.282 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 ² (typ) |
| VIDEO INPUT | Panel Surface | Anti-glare, hard coating (3H) |
| | Analog | RGB analog (75 ohms, 0.7/1.0 Vp-p) |
| | Digital | DVI-D (TMDS, 100 ohms) |
| | Frequency | F _H : 24~82kHz, F _V : 50~75Hz |
| COMPATIBILITY | Sync | H/V separated (TTL) |
| | PC | VGA up to 1920x1080 non-interlaced |
| CONNECTOR | Mac®* | Power Mac™ up to 1920x1080 non-interlaced |
| | Analog | 15-pin mini D-sub (VGA) |
| POWER | Digital | DVI-D |
| | Audio | 3.5mm audio in |
| | Power | Built-in power adapter, 3-pin plug |
| | Voltage | AC 100~240V (universal), 50/60Hz (auto switch) |
| AUDIO | Consumption | 45W (typ) |
| | Speakers | 2x2W |
| CONTROLS | 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 |
| ERGONOMICS | Tilt | Down 5°, Up 20° |
| OPERATING CONDITIONS | Temperature | 32~104° F (0~40° C) |
| | Humidity | 10~90% (non-condensing) |
| DIMENSIONS (W x H x D) | Physical with stand | 20.2" x 15.3" x 7.7" (513mm x 389mm x 196mm) |
| | Physical without stand | 20.2" x 12.8" x 2.5" (513mm x 325mm x 64mm) |
| | Packaging | 22.2" x 17.3" x 5.4" (565mm x 440mm x 137mm) |
| WEIGHT | Net with stand | 8.4 lb. (3.8 kg) |
| | Net without stand | 8.0 lb. (3.6 kg) |
| | Gross | 12.0 lb. (5.5 kg) |
| VESA® MOUNT | | 100mm x 100mm |
| REGULATIONS | | UL, CUL, FCC-B (ICES), CB, CE, CES-003B, ISO13406-2, GS, ERGO, TUV-S, NOM, GOST-R, HYGIENIC (20 copies), CCC, BSMI, PSB, C-TICK, MIC (KCC), SASO, WEEE, RoHS, VCCI, Ukraine, Energy Star, EPEAT Silver |
| RECYCLE/DISPOSAL | | The lamp in this product contains mercury. Please dispose of in accordance with local, state or federal laws. |
| PACKAGE CONTENTS | | LCD display, VGA cable, power cable, audio cable, Quick Start Guide, ViewSonic Wizard CD (User Guide & drivers) |
| WARRANTY | | Three-year limited warranty on parts, labor and backlight. |

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