

# 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

<b>LCD</b>	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 <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 audio in
	Power	Built-in power adapter, 3-pin plug
<b>POWER</b>	Voltage	AC 100~240V (universal), 50/60Hz (auto switch)
	Consumption	45W (typ)
<b>AUDIO</b>	Speakers	2x2W
<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	10~90% (non-condensing)
<b>DIMENSIONS (W x H x D)</b>	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 ?mm x 64mm)
	Packaging	22.2" x 17.3" x 5.4" (565mm x 440mm x 137mm)
<b>WEIGHT</b>	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)
<b>VESA® MOUNT</b>		100mm x 100mm
<b>REGULATIONS</b>		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
<b>RECYCLE/DISPOSAL</b>		The lamp in this product contains mercury. Please dispose of in accordance with local, state or federal laws.
<b>PACKAGE CONTENTS</b>		LCD display, VGA cable, power cable, audio cable, Quick Start Guide, ViewSonic Wizard CD (User Guide & drivers)
<b>WARRANTY</b>		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](http://ViewSonic.com)