

# 24" (23.6" viewable) Full HD 1080p LED Monitor

Stunning Viewing Quality

**VA2451m-LED**



The ViewSonic® VA2451m-LED widescreen monitor features an LED backlight, thin bezel, and sleek matte finish design. Full HD 1920×1080 resolution, a 10,000,000:1 MEGA dynamic contrast ratio, 5ms response time and an auto aspect ratio feature ensure optimal image quality and positioning. Paired with multiple inputs including DVI and VGA, and integrated speakers, the VA2451m-LED offers the best price-performance combination for its display class. Additionally, for an even lower TCO, these mercury-free, ENERGY STAR® certified displays are equipped with ViewSonic's Eco-mode feature to help extend the lifetime of the display, while delivering an energy savings of up to 40%\* over traditional monitors. The VA2451m-LED is ideal for enterprise users in need of a high performance monitor at a great value.

## Full HD 1080p for Superlative Pixel Performance

The VA2451m-LED features Full HD 1080p 1920 x 1080 resolution for unbelievable pixel-by-pixel image performance. You'll experience the most amazing clarity and detail whether it be for working, gaming, or enjoying the latest in multimedia entertainment. A 16:9 widescreen ratio minimizes eye fatigue even after hours of viewing and is perfectly compatible with multi-window viewing without toggling.



Full HD 1080p



Normal

## Planet-Friendly Mercury-Free LED Backlighting

The LED backlight further conserves up to 50% more energy when compared to conventional displays and allows a slimmer panel profile for a most pleasing entertainment experience.

## Eco-Mode Conserves More Energy

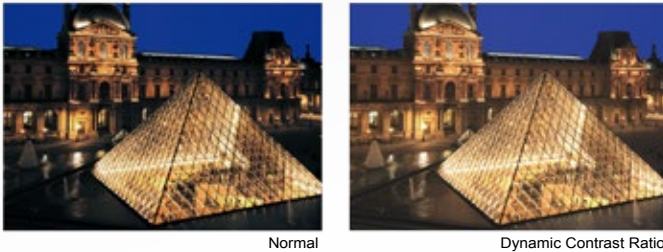
ViewSonic's proprietary Eco-mode function provides options to "Optimize" and "Conserve", which reduces display brightness and conserves up to 35%\* energy. Especially in a low ambient light, Eco-mode adjusts brightness and improves visibility while reducing eye fatigue and prolonging display lamp lifetime.

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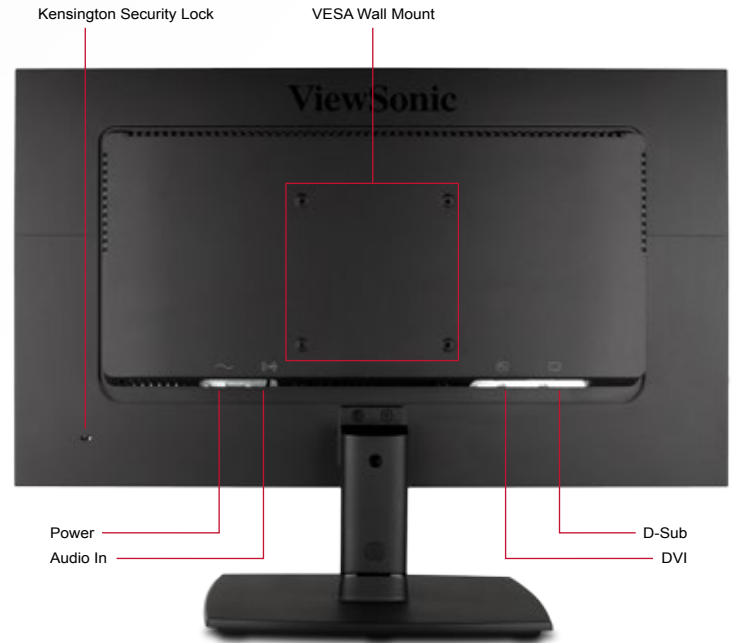
## 10,000,000 : 1 MEGA Dynamic Contrast Ratio

Dynamic contrast ratio detects the brightness of an image, and automatically adjusts the backlight to maximize the monitor's color range and contrast. Dynamic contrast ratio technology enables the accurate reproduction of images, producing vibrant and rich visual effects.



## sRGB Color Correction Defines the Truest Color

Accurate and consistent color performance is essential for professionals in graphic design, video editing and other professional environments. With built-in sRGB color correction technology, the VA2451m-LED can reproduce 100% sRGB rich color performance and capture the original and true colors from screen to print.



## Specifications

<b>LCD Panel</b>	Type	23.6" Wide Color TFT Active Matrix LCD
	Display Area	20.5" horizontal x 11.5" vertical; 23.6" diagonal
	Optimum Resolution	1920x1080
	Brightness	300 cd/m <sup>2</sup> (typ)
	Contrast Ratio	1000:1 static (typ), 10,000,000:1 dynamic
	Viewing Angles	170° horizontal, 160° vertical
	Response Time	5ms (typ.)
	Backlight	White-light LED
	Backlight Life	30,000 hours (min)
	Aspect Ratio	16:9
Panel Surface	Anti-glare, hard-coating (3H)	
<b>INPUT</b>	Analog	RGB analog (75 ohms, 0.7 / 1.0 Vp-p)
	Digital	DVI (TMDS, 100 ohms)
	Sync	H/V separated (TTL)
Frequency	Fh = 24 ~ 82 kHz ; Fv = 50 ~ 75 Hz	
<b>AUDIO OUTPUT</b>	Speakers	1.5 watt (x2)
<b>COMPATIBILITY</b>	PC	VGA up to 1920x1080@ 60Hz (preferred)
	Mac®	Power Mac (up to 1920x1080)
<b>CONNECTOR</b>	Analog	15-pin mini D-sub (VGA)
	Digital	DVI-D (with HDCP)
	Power	Internal Power Board, 3-pin plug (CEE22)
<b>POWER</b>	Voltage	AC 100-240V (universal), +/-10% Wide Range
	Consumption	28W (typ) Optimize: 18W (typ) Conserve: 14.5W (typ)
	Controls	Power, 1, down, up, 2 Auto Image Adjust, Contrast/Brightness, Input Select (D-SUB, DVI), Audio adjust (Volume mute), Color Adjust (sRGB, 9300K, 7500K, 6500K, 5000K, User Color [R, G, B]), Information, Manual Image Adjust (H/V Position, Horizontal Size, Fine Tune, Sharpness, Dynamic Contrast, Response Time, Aspect Ratio, Eco-mode), Setup Menu (Language, Resolution Notice, OSD Position, OSD Timeout, OSD Background, Auto Power Off), Memory Recall

<b>ERGONOMICS</b>	Tilt	-5°-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	22.1 x 16.4 x 7.9 in. / 560.3 x 417.6 x 199.3 mm
	Physical without stand	22.1 x 13.1 x 2.3 in. / 560.3 x 332.7 x 59.2 mm
	Packaging	24.8 x 18.5 x 5.4 in. / 629 x 469 x 136 mm
<b>WEIGHT</b>	Net with stand	8.8 lb. / 4.0 kg
	Net without stand	8.3 lb. / 3.8 kg
	Gross	11.8 lb. / 5.3 kg
<b>WALL MOUNT</b>		VESA® 100 x 100 mm
<b>REGULATIONS</b>		UL/cUL, FCC-B, ENERGY STAR®, EPEAT Silver, Mexico Energy, NOM, WEEE, RoHS, CE, CB
<b>RECYCLE/DISPOSAL</b>		Please dispose of in accordance with local, state or federal laws.
<b>WARRANTY</b>		Three-year limited warranty on parts, labor and backlight

## What's in the box?

VA2451m-LED monitor, power cable, VGA video cable, audio cable, Quick Start Guide, ViewSonic Wizard CD



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

\*Energy savings may vary based on cost, actual usage and other factors. 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 © 2013 ViewSonic Corporation. All rights reserved. [16603-00B-03/13]