24" Full HD 1080p LED Monitor

Stunning Viewing Quality

ViewSonic’s new 24-inch eco-friendly monitor, the VA2451m, is cost effective and produces a Full HD 1080p viewing experience. Featuring a widescreen Full HD 1080p 1920 x 1080 resolution, the VA2451m series deliver immaculate images for work and home environments. An incorporated LED backlight as well as a power-saving ECO-mode produces higher levels of brightness and refines image details even in low light conditions. Reducing power consumption with three different brightness throughputs helps to save on energy and accommodate different environments. Built-in sRGB color correction technology and dynamic contrast ratio also manage pixel quality to the finest detail and produces a great viewing experience.

Full HD 1080p for Superlative Pixel Performance
The VA2451m 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.

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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Specifications

**LCD Panel**
- 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/m² (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)

**INPUT**
- 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

**AUDIO OUTPUT**
- Speakers: 1.5 watt (x2)

**COMPATIBILITY**
- PC: VGA up to 1920x1080@60Hz (preferred)
- Mac: Power Mac (up to 1920x1080)

**CONNECTOR**
- Analog: 15-pin mini D-sub (VGA)
- Digital: DVI-D (with HDCP)
- Power: Internal Power Board, 3-pin plug (CEE22)

**POWER**
- Voltage: AC 100-240V (universal), +/-10% Wide Range
- Consumption: 28W (typ)
- Optimize: 18W (typ)
- Conserve: 14.5W (typ)

**CONTROLS**
- Basic: Power, 1, down, up, 2

**ERGONOMICS**
- Tilt: -5º–20º

**OPERATING CONDITIONS**
- Temperature: 32-104°F (0-40°C)
- Humidity: 10–90% (non-condensing)

**DIMENSIONS**
- Physical with stand: 22.1 x 16.4 x 7.9 in. / 560.3 x 417.6 x 199.3 mm (W x H x D)
- 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

**WEIGHT**
- 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

**WALL MOUNT**
- VESA: 100 x 100 mm

**REGULATIONS**
- UL/cUL, FCC-B, ENERGY STAR®, EPEAT(silver), Mexico Energy, NOM, WEEE, RoHS, CE, CB

**RECYCLE/DISPOSAL**
- Please dispose of in accordance with local, state or federal laws.

**WARRANTY**
- Three-year limited warranty on parts, labor and backlight

**COUNTRY OF ORIGIN**
- VA2451m-LED: China
- VA2451m-TAA: Mexico

What’s in the box?
- VA2451m LED Display, power cable, VGA Video Cable, Audio Cable, ViewSonic Wizard CD-ROM, Quick Start Guide

*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 can reproduce 100% sRGB rich color performance and capture the original and true colors from screen to print.

**10,000,000 : 1 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.

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**VA2451m-LED / VA2451m-TAA**

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*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 © 2012 ViewSonic Corporation. All rights reserved. [16093-008-0412] VA2451m_LED*