

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

Intuitive Multi-Touch Design

**TD2420**



The ViewSonic® TD2420 is the perfect solution for both commercial and consumer touch screen applications. With an intuitive multi-touch LED display, interactive stylus, and full HD resolution, the TD2420 delivers a versatile touch solution for use as a POS display, information kiosk, or in hospital and classroom environments. With Windows® 8 compatible Dual Point Optical technology, the TD2420 provides a fun and interactive experience to engage users. Equipped with 1920x1080 Full HD resolution, and 20,000,000:1 MEGA Dynamic Contrast Ratio, the ViewSonic TD2420 delivers extremely sharp and crisp images. As a complete multimedia package, the display also includes a pair of integrated 2-watt speakers with SRS Premium Sound®. HDMI, VGA, and DVI inputs provide flexible and convenient connectivity, while a VESA-mountable design offers additional convenience for use as a wall-mounted display. The versatile TD2420 is the one-stop solution for your multi-touch display needs.



## **Durable and Accurate Multi-touch Screen**

Simply touch, drag, resize, and manipulate photos, documents or web pages—just like on your favorite mobile devices! The included stylus provides additional interactivity to write, draw, and further explore your creativity. 7H scratch-resistant surface hardness ensures durability, as well as a consistent, high-quality touch experience.

## **Full HD 1080p Display with 1920x1080 Resolution**

The 24" (23.6" viewable) Full HD monitor supports image-intensive commercial applications, as well as image, gaming, and video applications for home entertainment. 20,000,000:1 MEGA Dynamic Contrast Ratio provides a crisp image with high-level details.

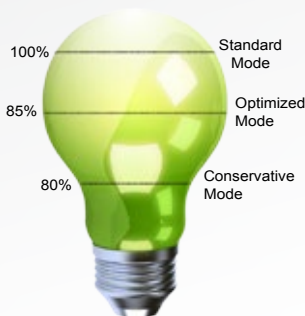


## **Flexible Configuration Options with OptiSync® Digital/Analog Inputs**

The TD2420 supports Windows® 7 and Windows® 8 touch functions and boasts USB HID (Human Interface Device) for plug-and-play. The TD2420 can be connected through USB for instant two-point touch operation and easy navigation. Multi-mode input technology supports HDMI, DVI and VGA signals for compatibility and configuration flexibility.

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## Eco-Mode Conserves More Energy

ViewSonic's proprietary Eco-mode function is built into all LED displays, offering options to "Optimize (85%)" or "Conserve (80%)". Both modes reduce display brightness and conserve up to 20%\* energy. Especially in a low ambient light, Eco-mode adjusts brightness and improves visibility while reducing eye fatigue and prolonging the display's lamp life. With Eco-mode, lamp replacement expenditures are reduced while practicing eco-friendliness.



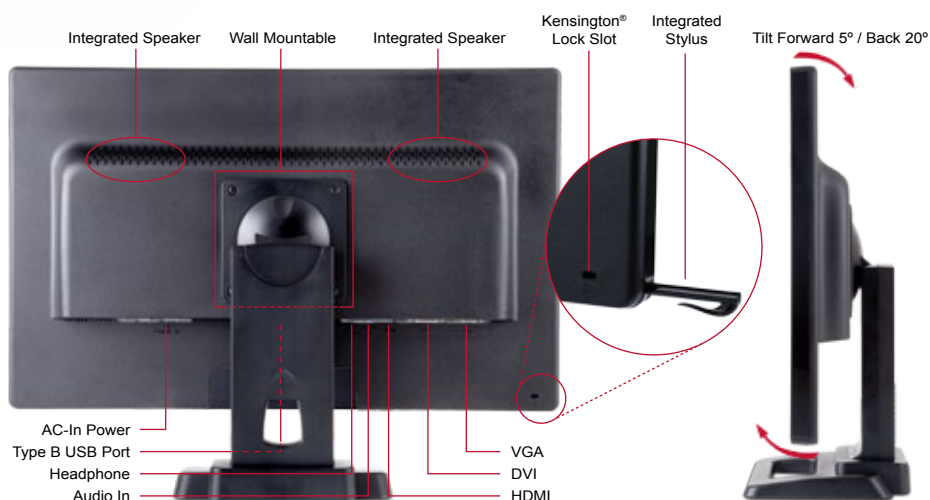
## ENERGY STAR® and EPEAT-Silver Certified

The TD2420 is environmentally sound with an energy-saving LED backlight and Eco-mode options. Save up to 40%\* in energy costs when compared to a regular 24" monitor.



## Integrated Speakers with SRS Premium Sound®

The TD2420 monitor has two integrated speakers for enhanced multimedia performance with crystal clear stereo sound.



## Specifications

<b>LCD PANEL</b>	Type	24" (23.6" viewable) Wide Color TFT Active Matrix LED
	Display Area	20.5" horizontal x 11.5" vertical; 23.6" diagonal
	Optimum Resolution	1920x1080
	Brightness	200 cd/m <sup>2</sup> (typ.)
	Contrast Ratio	1000:1 (typ.)
	Dynamic Contrast Ratio	20,000,000:1
	Viewing Angles	170° horizontal, 160° vertical
	Response Time	5ms (typ.)
	Backlight	White-light LED
	Backlight Life	30,000 hours (min.)
<b>VIDEO INPUT</b>	Panel Surface	Anti-glare, hard-coating (7H)
	Analog	RGB analog (0.7 / 1.0 Vp-p, 75 ohms)
	Digital	HDMI, DVI (TMDS, 100 ohms)
<b>AUDIO OUTPUT</b>	Speakers	2-watt (x2)
	Frequency	Fh: 24~82kHz, Fv: 50~75Hz
<b>COMPATIBILITY</b>	PC	PC compatibles (Windows® 7 / 8 Operating System)
	Mac®	n/a
<b>CONNECTOR</b>	Video Analog	15-pin mini D-sub (VGA)
	Video Digital	DVI-D (with HDCP)
	HDMI	HDMI
	Audio	Audio In (3.5mm mini-jack) Headphone (3.5mm mini-jack)
<b>POWER</b>	Power	Internal power board, 3-pin plug (CEE22)
	Voltage	AC 100~240V (universal), 50 / 60Hz
	Consumption	25W (typ.)
	Optimize	22W (typ.)
<b>CONTROLS</b>	Front Panel Buttons	1, 2, Down, Up, Power
	OSD	Auto Image Adjust, Contrast/Brightness, Input Select, Color Adjust, Information, Manual Image Adjust, Setup Menu, Memory Recall (See user guide for full OSD functionality)

<b>ERGONOMICS</b>	Tilt	20°~5°
	Temperature	32~104° F (0~40° C)
<b>OPERATING CONDITIONS</b>	Humidity	20~90% (non-condensing)
<b>DIMENSIONS (W x H x D)</b>	Physical with Stand	21.9 x 16.6 x 6.9 in. / 555.9 x 421.9 x 174.8 mm
	Physical without Stand	21.9 x 13.7 x 2.2 in. / 555.9 x 346.8 x 56.1 mm
	Packaging	19.9 x 19.6 x 5.9 in. / 506 x 498 x 151 mm
<b>WEIGHT</b>	Net with Stand	6.6 lb. / 3.0 kg
	Net without Stand	5.2 lb. / 2.4 kg
	Gross	8.1 lb. / 3.7 kg
<b>WALL MOUNT</b>	VESA®	100mm x 100mm
<b>REGULATIONS</b>		CE, CB, BSMI, PSB, SASO, C-tick, e-standby, KC, UL/cUL, FCC-B (including ICES003), UL CoC, Mexico Energy, GOST-R/Hygienic, UkrSEPRO, TCO 5.2, Erp, CCC, China Energy, ENERGY STAR®, EPEAT Silver, WEEE, RoHS, SVHC list
<b>RECYCLE / DISPOSAL</b>		Please dispose of in accordance with local, state or federal laws.
<b>POWER MANAGEMENT</b>		ENERGY STAR® standards, EPEAT Silver
<b>WARRANTY</b>		Three-year limited warranty on parts, labor and backlight.

## What's in the box?

TD2420 display, power cable, audio cable, VGA cable, DVI cable, USB cable, stylus, Quick Start Guide, ViewSonic Wizard CD (available in some countries only)



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

\*Energy savings may vary based on actual usage and other factors. Program, specifications and availability are subject to change without notice. Selection, offers and programs may vary by country; see your ViewSonic representative for complete details. Premium Sound and the SRS Logo are trademarks or registered trademarks of SRS Labs. Corporate names, trademarks stated herein are the property of their respective companies. Copyright © 2013 ViewSonic Corporation. All rights reserved. [16529-00B-02/13]