23" IPS LED Smart Display

VSD231

ViewSonic®
See the difference™

The ViewSonic VSD231 is a 23" IPS LED Smart Display with 1920x1080 Full HD resolution. It features an NVIDIA Tegra® 4 1.6 GHz Processor, a 10-point projected capacitive touch screen, and Android Jelly Bean OS. With Google GMS certification, the VSD231 allows users to enjoy diverse Android multimedia applications such as social networking, cloud services, and online video. Versatile connectivity options include HDMI (MHL), four full-size USB and one micro USB port, SD card reader, RJ45 LAN, headphone jack, and 2M pixel webcam with integrated mic for video conferencing. Wireless and Bluetooth network connections provide instant access to transfer data, documents, and multimedia files. In addition, the VSD231 can also operate as a traditional 23'' Full HD touch display via HDMI to your PC/Laptop for office work, or for surfing the internet and gaming. Integrated speakers with ViewSound Premium Audio system complete the package for your multimedia enjoyment.

POWERED BY
NVIDIA TEGRA

QUAD CORE

Quad Core 1.6GHz Processor for Lightning-fast Computing

Equipped with the powerful NVIDIA Tegra® 4 1.6GHz quad-core processor and Android 4.3 Jelly Bean OS, the VSD231 provides smooth, lightning-fast computing no matter what applications are running.

ANDROID 4.3

Android Jelly Bean OS, Chrome Browser, and Full Google GMS Certification

Experience better cloud services and multimedia entertainment with the VSD231 smart display. It features an Android® Jelly Bean 4.3 operating system and full Google GMS certification to provide instant access to Google Play store and thousands of current Android apps.

Projected Capacitive 10-Point Multi-touch

Projected Capacitive is one of the leading touch technologies available and is widely utilized by mobile devices such as smartphones and tablets. The ViewSonic VSD231 is a best-in-class touch display,offering a highly accurate and ultra-responsive touch experience. With its 10-point multi-touch technology and a durable, scratch-resistant surface, the VSD231 also provides outstanding collaborative capabilities in public environments as well as classroom settings. Users can also utilize the smart display as a Full HD touch display to connect to existing PCs, notebooks, or tablets.

Full HD 1080p True Color High-resolution Display

Full HD 1080p resolution delivers stunning image quality with superior detail and sharpness for home and business applications. Ideal for graphic design, video production, and advanced business applications requiring professional monitor performance.
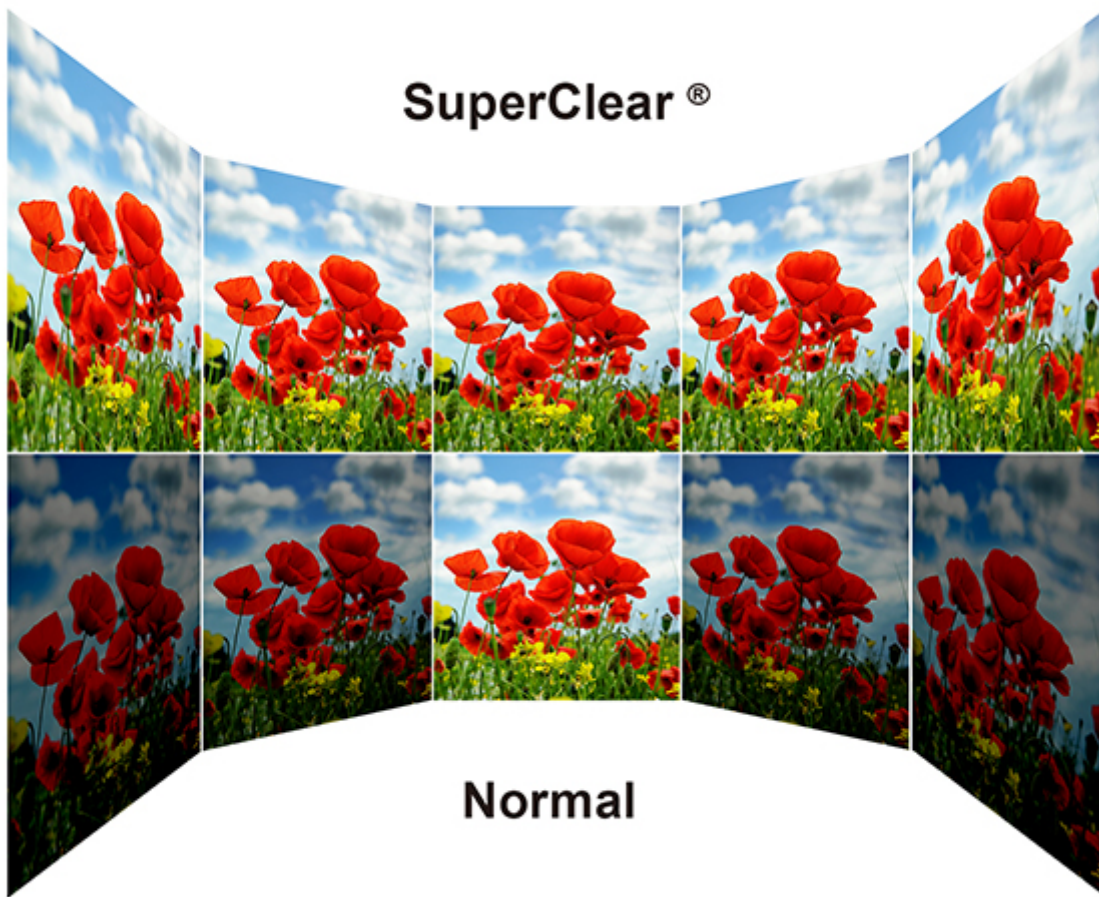
Normal

Full HD Resolution

SuperClear® Image Enhancement Technology with Wide Viewing Angles

SuperClear® Image Enhancement Technology delivers the best color performance and extends display viewing angles to 178 degrees both horizontally and vertically. Experience accurate and vivid colors with consistent levels of brightness whether looking at the screen from above, below, the front, or the side—with no color distortion or decay.

SuperClear ®

Normal

2.0M CAMERA

Complete Multimedia Package

With a built-in 2MP webcam, integrated microphone and speakers, and 1920x1080 Full HD resolution, the VSD231 offers a complete multimedia package for professional-grade video conferencing. Users can also utilize the webcam when the VSD231 is connected as an external display to a PC, notebook, or tablet.

Equipped with Wi-Fi, Bluetooth, and RJ45

ViewSonic's smart display includes Wi-Fi 802.11 a/b/g/n, Bluetooth 4.0, and RJ45 Gigabit Ethernet, providing flexible access options for website browsing, cloud access, and data exchange.

ViewSound and Dual 2W Stereo Speakers

The VSD231 features ViewSound technology that adjusts sound to best suit a variety of multimedia applications. Two integrated speakers deliver enhanced multimedia performance and stereo sound.

HDMI and MHL Support for All Your HD Media

HDMI allows you to stream content from a variety of HD devices including Blu-ray players and gaming consoles to provide the ultimate high-definition experience. With MHL support, your Smart Display can also be connected to your smartphone or tablet to display content directly from your mobile device on to a bigger screen.

4 USB Ports, Micro USB, and SD Card Reader

Four USB ports, a micro USB port and a built-in SD card reader provides easy connectivity for high-speed-transmission storage devices and peripherals to enhance convenience and flexibility.

ViewSonic Flicker-Free Viewing for Improved Eye Comfort

"ViewSonic flicker-free displays deliver on the promise of more comfortable viewing. Rather than using Pulse Width Modulation that continuously turns the LED backlight on and off, ViewSonic flicker-free displays use DC modulation backlights that maintain a steady stream of direct current power—nearly eliminating screen flickering at all brightness levels by providing a constant LED light source.
This lets you work at your computer, play games, or watch movies longer – without eye fatigue.

Normal

**ViewSonic
Flicker-Free Technology**

Ergonomic DESIGN

Flexible, Comfortable, and Sturdy Ergonomic Design

The adjustable stand of the VSD231 allows the screen to be tilted and adjusted, or rest flat on a desk or table. This ergonomic design maximizes comfort and productivity, and makes the VSD231 well suited to a variety of user scenarios in the home, school or office. The display base is so stable that the screen won't shake when you touch it, allowing for more accurate operation.
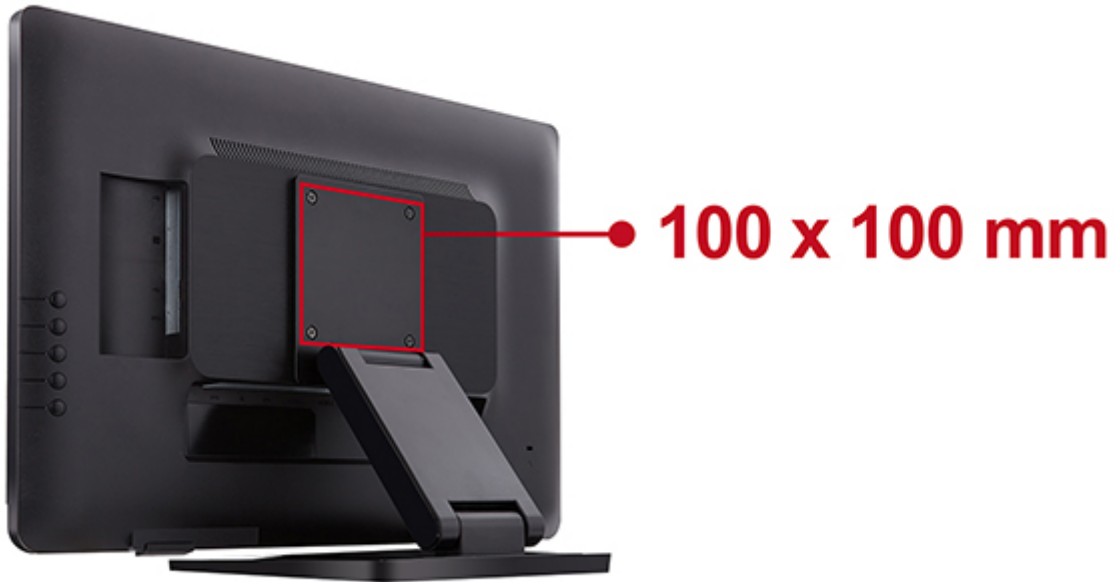
FLAT ADJUST   **HEIGHT ADJUST**   **TILT ADJUST**

90°

Versatile Mounting Options

The VSD231 features a 100 x 100mm VESA-mountable design that allows you to mount the display on a monitor stand or on a wall, depending on your specific needs. You can easily unscrew the base, and then mount the display on its new stand or wall mount.

Windows on Android, Yes!

The ViewSonic smart display is Citrix Ready – HDX Verified, providing users secure, fast, and convenient access to remote desktops and applications on their Citrix servers in a familiar Windows environment. This makes the ViewSonic smart display a perfect thin client device for Education, SMB and Enterprise customers. The Citrix Receiver app is available for download on Google Play.
In addition, ViewSonic's family of Smart Displays for Android are the only Android devices optimized and certified for Citrix HDX.

Screen Mirroring Functionality

With both wired HDMI output and wireless screen mirroring capabilities, the VSD231 can be easily connected to a secondary monitor, or a projector. This is especially useful for educational environments, digital signage needs, or any application in which the screen content on the smart display can be shared and mirrored on another screen.

Technical Specifications

SYSTEM		
	CPU Processor	nVidia Tegra® T40S (Quad- Core 1.6GHz)
	Operating System	Android Jelly Bean 4.3.1 OS
	System Memory	2GB DDR3
	Storage Memory	8GB eMMC iNand

DISPLAY		
	Type	23" TFT transmissive LCD
	Display Area	23"
	Optimum Resolution	1920 x 1080
	Brightness	300 cd/m2 (typ.)
	Contrast Ratio	1,000:1 (typ.)
	Viewing Angles	178° / 178°
	Response Time	14ms (typ.)
	Backlight	N/A
	Backlight Life	N/A
	Panel Surface	Touch Glasses (7H)
	Touch Panel	HannsTouch PCT 10 points supported
	Touch Controller	N/A

INPUT/OUTPUT	USB	USB 3.0 Type A x3, USB 3.0 Type B x1,USB 2.0 Type A x1, Micro USB x1 (data transferig with PC)
	HDMI	HDMI in (MHL) x1, HDMI out x1
	Card Reader	SD card slot x1
	LAN/Ethernet	RJ45 x1 (10M/100M/1000M)
	Audio	3.5mm audio jack x1, 3.5mm ear-phone jack x1
	Video	D-Sub In x1
	Power	DC jack power x1
	Speakers	2W x2
	Front Camera	Wafer lens 2.0 MP
COMPATIBILITY	PC	N/A
	Mac®	N/A
POWER	Voltage	AC Input voltage 100~240VAC, 50/60Hz (universal),
	Consumption	On mode: 90W, Standby mode: <5W, Off mode: 0.5W
ERGONOMICS	Tilt	-5° ~ 90°
	Height Adjust	0~ 22mm
OPERATING CONDITIONS	Temperature (º F / º C)	0°C to 35°C
	Humidity	20%~90% non-condensing
DIMENSIONS (W x H x D) (inch / mm)	Physical w stand	21.30 x 15.46 x 7.57 inches / 547.1 x 392.61 x192.4 mm
	Physical w/o stand	21.30 x 14.64 x 1.87 inches / 547.1 x 371.91 x 47.4 mm
	Packaging	24.4 x 17.9 x 6.7 inches / 620 x 455 x 170 mm
WEIGHT	Net (lb / kg)	15.86 lbs / 7.20 kg
	Gross (lb / kg)	19.60 lbs / 8.9 kg
WALL MOUNT	VESA® (mm)	100 x 100mm
REGULATIONS		CE, CB, UL/CUL, FCC-B(including ICES003), FCC-C, IC RSS- 210, China CCC, CEL FAC, WEEE, RoHS, REACH, SVHC, ErP, CNC
RECYCLE / DISPOSAL		Please dispose of in accordance with local, state or federal laws
WARRANTY		**Warranty offered may differ from market to market
WHAT'S IN THE BOX		

The top level assembly shall contain:

1. VSD231

2. Power adapter with power cord depend on regions.

3. HDMI (1.8M)

4. VGA cable (1.8M)

5. Quick Start Guide

*Actual content may differ from market to market

ViewSonic® Limited Warranty

ViewSonic provides customers with the security of a manufacturers warranty against defected products. The type and duration of the applicable warranty service varies by product type, country of purchase and can also vary on an individual basis according to customer requirements agreed at time of purchase. The warranty will expire after the end of the warranty period.

For more product information, visit us at **www.viewsoniceurope.com**