# 22'' (21.5" viewable) Smart Display, Full HD, Rockchip Quad-Core, Optical touch, Android™ KitKat.

**ViewSonic®**
*See the difference™*

The ViewSonic VSD224 is a 22'' (21.5" viewable) all-in-one Smart Display with 1920x1080 Full HD resolution. It features a Quad-core 1.6 GHz Processor, an optical touch screen, and Android KitKat OS. Retailers can utilize the VS224 as digital signage, a social media station and a product purchase kiosk. Versatile connectivity options include HDMI, two USB ports, micro USB port, Micro SD card reader, RJ45 LAN, headphone jack, and 1.2M pixel webcam with integrated microphone for video conferencing. Wireless and Bluetooth network connections allow users to collect sales data, transfer files and increase customer involvement during purchasing or in-store browsing. Integrated speakers, Optical touch and enhanced 3H hard coated glass, increases the VSD224's versatility, making it perfect for an ever evolving business platform.

# Quad Core 1.6GHz Processor for Lightning-Fast Computing

Equipped with the powerful Quad-core 1.6GHz processor, VSD224 provides smooth, lightning-fast computing, allowing it to switch from digital signage to interactive display with ease.

# Full HD 1080p True Color and SuperClear® wide viewing angles technology

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. In addition, 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.

# Equipped with Wi-Fi, Bluetooth, and RJ45

ViewSonic's smart display includes Wi-Fi 802.11 b/g/n, Bluetooth 3.0, and RJ45 Ethernet, providing flexible access options for online purchasing, cloud access, and data exchange.

# Complete multimedia package

With a built-in 1.3MP webcam, integrated microphone and 2W speakers, and 1920x1080 Full HD resolution, the VSD224 offers a complete multimedia package for interactive use. Users can also utilize the webcam after purchases, increasing customer involvement and creating an amazing customer experience that will keep them coming back again and again.
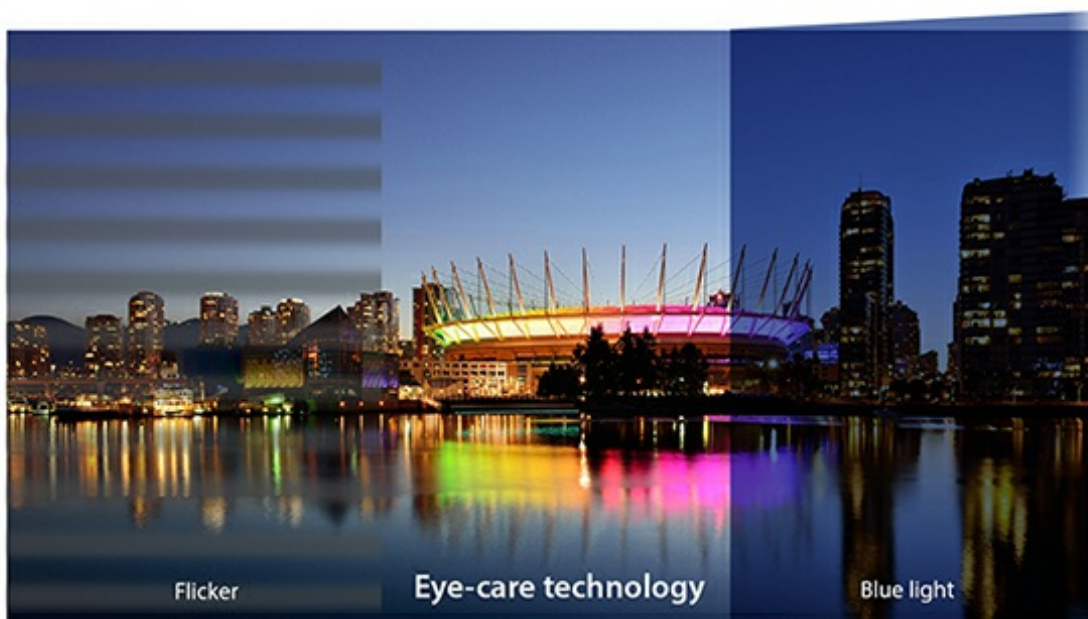


# HDMI, 2 USB ports, Micro USB, and Micro SD Card reader

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

# ViewSonic Flicker-Free and Blue light filter 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. Also, prolonged exposure to certain levels of blue light can cause eye discomfort. ViewSonic displays feature a Blue Light Filter setting that allows users to adjust the amount of blue light emitted from the screen, enabling longer viewing times and increased eye comfort for work and multimedia applications.

# Flexible, Comfortable, and Sturdy Ergonomic Design with Versatile Mounting Options

The adjustable stand of the VSD224 allows the screen to be tilted and adjusted, or rest flat on a desk or table. If adjusting isn't enough, the VSD224 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.





## Optical multi-touch

Touch capability is truly the big differenciator in all-in-ones, bridging practicality with purpose. The fully optical touch display creates amazing opportunities for users to take advantage of the VSD224's large screen as digital signage, while still giving customers the ability to interact and utilize this dual purpose all-in-one to its maximum potential. With optical touch, and 3H hard coated glass, this adaptable all-in-one has the ability to deliver flexible solutions to an ever evolving marketplace. Online applications can also push your touch device to the next level in adaptability, ensuring you offer the best customer experience while interacting with the VSD224.

# Technical Specifications

| SYSTEM | | |
|---|---|---|
| | CPU Processor | Rockchip RK3188 ( Quad- Core A9 1.6GHz) |
| | Operating System | Android™ KitKat 4.4 system |
| | System Memory | 1GB DDR3L |
| | Storage Memory | 8GB eMMC iNand |
| | Internal MIC | Yes |

| DISPLAY | | |
|---|---|---|
| | Type | 21.5" TFT transmissive LCD ( AUO – T215HVN01.1 |
| | Optimum Resolution | 1920 x 1080 |
| | Brightness | 250 cd/m2 (typ.) |
| | Contrast Ratio | 3000:1 (typ.) |
| | Backlight | Using DC adjust backlight with flicker-free implement |
| | Touch Panel | Optical 12C interface (21TQG215020) glass 3mm |

| INPUT/OUTPUT | | |
|---|---|---|
| | USB | (A type)*2 for peripheral (KB/Mice/Flash drive & external HD support FAT32 format only) |
| | HDMI | Micro-USB (OTG) |
| | Card Reader | Micro SD card |

| | | |
|---|---|---|
| | LAN/Ethernet | 10M/100M |
| | Audio | 3.5mm audio jack for stereo headset |
| | Speakers | 2W *2 stereo |
| | Front Camera | 1.3MP Fix focus |

| | | |
|---|---|---|
| **POWER** | Voltage | AC Input voltage 100~240VAC, 50/60Hz (universal), AC input current : 1 Aac max DC output voltage : 19V dc ( typical) DC output current : 2.1A ( typical) |
| | Consumption | - On mode: 24.5 W (Typical) - Standyby mode: 5 W -Off mode : 0.33 W |

| | | |
|---|---|---|
| **OPERATING CONDITIONS** | Temperature (º F / º C) | 0°C to 35°C, 20%~90% non-condensing, 0~35°C, 0~6,561 ft (2.000 m), operational at reduced reliability and performance. |
| | Humidity | -30°C to 65°C, 5%~90% non-condensing |

| | | |
|---|---|---|
| **DIMENSIONS (W x H x D) (inch / mm)** | Physical (inch / mm) | 20.89 x 14.06 x 2.96 inches/530.4 x 357.1 x 75.2 mm |
| | Packaging (inch / mm) | 23.9x 18.9 x 7.25 inches/607 x 480 x 184 mm |

| | | |
|---|---|---|
| **WEIGHT** | Net (lb / kg) | 4.66 kg (14.2 lbs) |
| | Gross (lb / kg) | 6.45 kg (10.35 lbs) |

| | |
|---|---|
| **REGULATIONS** | CE, CB, R&TTE ; China CCC, CEL ,SRRC |

# 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**