ViewSonic® Monitors

July / August 2013

With a 25-year heritage as an award-winning display technology leader, ViewSonic is poised to provide the best in complete display solutions. Offering a broad range of product lines and breakthrough technologies, ViewSonic delivers an unbeatable user experience. Whether you need a monitor for education, business, commercial installation or home entertainment, ViewSonic has the perfect solution. All ViewSonic displays come standard with essential features, while individual product lines offer unique options to meet your specific needs.



# Android™ Smart Displays – VSD Series

Product	Screen Size	Resolution	CPU	os	Memory	Touch	Connectivity	Ergonomics	Integrated Speakers	Power Usage	Net Weight	Dimensions W x H x D (in.)
VSD220 Smart Display	22" LED	1920x1080 Full HD	TI OMAP 4430 Dual-core 1GHz	Android™ 4.0	1GB System 8GB Storage	Dual Optical Touch	Micro HDMI, USB (x2), Micro USB, RJ45, Micro SD, Headphone	Tilt 15-70°	1.5W (x2)	40W (typ)	10.6 lb	20.2 x 13.9 x 0.9
VSD241 Smart Display	23.8" LED	1920x1080 Full HD	nVIDIA Tegra3 Quad-core 1.7 GHz	Android™ 4.2	1GB System 8GB Storage	Dual Optical Touch	HDMI (MHL), USB (x2), Micro USB, Mini USB, RJ45, SD Reader, Headphone	Tilt 15-70°	2W (x2)	65W (typ)	15.9 lb	24.0 x 18.9 x 3.0

## Multi-Touch - TD Series

Product	Screen Size	Resolution	Contrast	Brightness	Video Response	Viewing Angle	Integrated Speakers	VESA® Mount	Windows® Certified	Ergonomics	Connectivity	Net Weight	Dimensions W x H x D (in.)	Power Usage	Special Features
<b>TD2220</b> Optical Touch LED Monitor	21.5"	1920x1080 Full HD	1,000:1, 20M:1 w/ DCR	200 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7, Win 8 compatible	Tilt	VGA, DVI (HDCP)	10.9 lb	20.1 x 14.4 x 9.5	26W (typ)	Dual Optical touch, 2-port USB hub, Win 8 Touch compatible
TD2340 Capacitive Touch LED Monitor	23" IPS Panel	1920x1080 Full HD	1,000:1, 20M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	7ms (typ)	178° H 178° V	Yes	Yes	Win 7, Win 8 touch certified	Pivot, Height, Tilt	VGA, HDMI DisplayPort	20.4 lb	22.7 x 17.9 x 12.8	26W (w/o audio)	10 pt. multi-touch, ENERGY STAR®, Kensington® Lock Slot, EPEAT Gold,
<b>TD2420</b> Optical Touch LED Monitor	23.6"	1920x1080 Full HD	1,000:1, 20M:1 w/ DCR	200 cd/m² (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7, Win 8 touch compatible	Tilt	VGA, DVI (HDCP), HDMI	10.3 lb	22.7 x 17.9 x 12.8	22W (typ)	Dual Optical touch, 4-port USB hub, integrated stylus, ENERGY STAR®, EPEAT Silver
TD2740 Capacitive Touch LED Monitor	27" VA Panel	1920x1080 Full HD	3,000:1, 20M:1 w/ DCR	260 cd/m² (typ)	14ms (typ)	178° H 178° V	Yes	Yes	Win 7, Win 8 touch certified	Tilt, Flat	VGA, HDMI DisplayPort	20.4 lb	22.7 x 17.9 x 12.8	39W (w/o audio)	10 pt. multi-touch, ENERGY STAR®, 2-port USB hub, Kensington® Lock Slot, EPEAT Gold,
TD3240 Capacitive Touch LED Monitor	31.5" IPS Panel	1920x1080 Full HD	3,000:1	350 cd/m² (typ)	6.5ms (typ)	178° H 178° V	Yes	Yes	Win 7, Win 8 touch certified	-	VGA, DVI, COM, DisplayPort (via adapter)	20.0 lb	31.0 x 18.9 x 2.7	68W (typ)	Industrial grade 10-point multi-touch display. Optional stand and wired remote control





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## **Entertainment - VX Series**

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Product	Screen Size	Resolution	Contrast	Brightness	Video Response	Viewing Angle	Integrated Speakers	VESA® Mount	Windows® Certified	Ergonomics	Connectivity	Net Weight	Dimensions W x H x D (in.)	Power Usage	Special Features
VX2250wm-LED LED Monitor	21.5"	1920x1080 Full HD	1,000:1, 10M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	8ms (typ)	178° H 178° V	Yes	-	Win 7, 8	Tilt	VGA, DVI	7.5 lb	20.5 x 15.9 x 7.5	26W (typ)	ENERGY STAR®, RoHS, Kensington® Lock Slot
VX2270Smh-LED LED Monitor	21.5" IPS Panel	1920x1080 Full HD	1,000:1, 30M:1 w/ DCR	250 cd/m² (typ)	7ms (typ)	178° H 178° V	Yes	-	Win 7, 8	Tilt	VGA, DVI, HDMI (HDCP)	7.9 lb	19.7 x 15.4 x 7.1	26W (typ)	Frameless flush- surface design, ENERGY STAR®, EPEAT Silver, HDMI Cable
VX2370Smh-LED LED Monitor	23" IPS Panel	1920x1080 Full HD	1,000:1, 30M:1 w/ DCR	250 cd/m² (typ)	7ms (typ)	178° H 178° V	Yes	-	Win 7, 8	Tilt	VGA, DVI, HDMI (HDCP)	8.6 lb	21.0 x 16.1 x 7.5	26W (typ)	Frameless flush- surface design, ENERGY STAR®, EPEAT Silver, HDMI Cable
V3D231 3-D LED Monitor	23"	1920x1080 Full HD	1,000:1, 20M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	2ms (typ)	170° H 160° V	Yes	Yes	Win 7	Tilt	VGA, DVI (HDCP)	7.9 lb	21.6 x 15.3 x 7.5	36W (typ)	3-D Ready, 3-D Glasses included, SRS Premium Sound, RoHS ENERGY STAR®
VX2450wm-LED LED Monitor	23.6"	1920x1080 Full HD	1,000:1, 20M:1 w/ DCR	300 cd/m² (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7	Tilt	VGA, DVI (HDCP)	11.5 lb	21.9 x 17.8 x 9.4	24.5W (typ)	ENERGY STAR®, RoHS, Kensington® Lock Slot
VX2453mh-LED LED Monitor	23.6"	1920x1080 Full HD	1,000:1, 30M:1 w/ DCR	300 cd/m <sup>2</sup> (typ)	2ms (typ)	170° H 160° V	Yes	Yes	Win 7	Tilt	VGA, HDMI (x2)	9.0 lb	22.6 x 16.9 x 7.7	20W (typ)	ENERGY STAR®, RoHS, Kensington® Lock Slot, Dual HDMI
VX2703mh-LED LED Monitor	27"	1920x1080 Full HD	1,000:1, 10M:1 w/ DCR	300 cd/m <sup>2</sup> (typ)	3ms (typ)	170° H 160° V	Yes	Yes	Win 7	Tilt	VGA, DVI, HDMI (HDCP)	12.0 lb	25.4 x 17.2 x 6.9	28W (typ)	ENERGY STAR®, Kensington® Lock Slot, EPEAT Silver, RoHS
VX2770Smh-LED LED Monitor	27" IPS Panel	1920x1080 Full HD	1,000:1, 30M:1 w/ DCR	250 cd/m² (typ)	7ms (typ)	178° H 178° V	Yes	-	Win 7, 8	Tilt	VGA, DVI, HDMI (HDCP)	12.0 lb	24.5 x 18.1 x 7.6	30W (typ)	Frameless flush- surface design, ENERGY STAR®, EPEAT Silver, HDMI Cable

## **Professional - VP Series**

Product	Screen	Resolution	Contrast	Brightness	Video Response	Viewing Angle	Integrated Speakers	VESA® Mount	Windows <sup>®</sup> Certified	Ergonomics	Connectivity	Net Weight	Dimensions W x H x D (in.)	Power Usage	Special Features
VP2365-LED LED Monitor	23" IPS Panel	1920x1080 Full HD	1,000:1, 20M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	6ms (typ)	178° H 178° V	-	Yes	Win 7, 8	Pivot, Height, Swivel, Tilt	VGA, DVI (HDCP)	11.9 lb	21.6 x 17.0 x 9.8	45W (typ)	4-port USB Hub, ENERGY STAR®, RoHS, EPEAT Silver, DVI Cable
VP2765-LED LED Monitor	27" AMVA Panel	1920x1080 Full HD	3,000:1, 20M:1 w/ DCR	300 cd/m <sup>2</sup> (typ)	12ms (typ)	178° H 178° V	-	Yes	Win 7, 8	Pivot, Height, Swivel, Tilt	VGA, DVI, DisplayPort (HDCP)	18.6 lb	25.3 x 18.3 x 15.3	55W (typ)	4-port USB hub, ENERGY STAR®, RoHS, EPEAT Silver, DVI Cable



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## **Professional - VP Series**

Product	Screen	Resolution	Contrast	Brightness	Video Response	Viewing Angle	Integrated Speakers	VESA® Mount	Windows® Certified	Ergonomics	Connectivity	Net Weight	Dimensions W x H x D (in.)	Power Usage	Special Features
VP2770-LED LED Monitor	27" IPS Panel	2560x1440 QHD	1,000:1, 20M:1 w/ DCR	300 cd/m² (typ)	12ms (typ)	178° H 178° V	-	Yes	Win 7, 8	Pivot, Height, Swivel, Tilt	VGA, Dual-Link DVI, HDMI, DisplayPort (HDCP)	18.6 lb	25.3 x 18.5 x 13.7	40W (typ)	4-port USB hub, ENERGY STAR®, RoHS, EPEAT Silver, DVI Cable, DisplayPort Cable

## **Graphics – VG Series**

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Product	Screen Size	Resolution	Contrast	Brightness	Video Response	Viewing Angle	Integrated Speakers	VESA® Mount	Windows® Certified	Ergonomics	Connectivity	Net Weight	Dimensions W x H x D (in.)	Power Usage	Special Features
VG732m-LED LED Monitor	17"	1280x1024	1,000:1, 20M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7	Height, Swivel, Tilt	VGA, DVI	9.0 lb	15.2 x 18.7 x 9.0	15W (typ)	ENERGY STAR®, Kensington® Lock Slot, EPEAT Silver, DVI cable
VG1932wm-LED LED Monitor	19"	1440x900	1,000:1, 10M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7	Height, Swivel, Tilt	VGA, DVI (HDCP)	11.5 lb	18.1 x 17.1 x 9.1	17W (typ)	ENERGY STAR®, RoHS, EPEAT Gold, DVI cable
VG2228wm-LED LED Monitor	21.5"	1920x1080 Full HD	1,000:1, 10M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7	Height, Swivel, Tilt	VGA, DVI (HDCP)	8.0 lb	20.1 x 16.2 x 9.1	21W (typ)	2-port USB hub, ENERGY STAR®, EPEAT Silver, DVI cable
VG2239m-LED VG2239m-TAA LED Monitor	21.5"	1920x1080 Full HD	1,000:1, 20M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7, 8	Pivot, Height, Swivel, Tilt	VGA, DVI DisplayPort	10.3 lb	20.2 x 16.5 x 9.4	22W (typ)	ENERGY STAR®, RoHS, Kensington® Lock Slot, EPEAT Gold, DVI Cable
VG2428wm-LED LED Monitor	23.6"	1920x1080 Full HD	1,000:1, 10M:1 w/ DCR	300 cd/m² (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7, 8	Pivot, Height, Swivel, Tilt	VGA, DVI (HDCP)	15.4 lb	22.2 x 17.4 x 9.8	32W (typ)	2-port USB hub, OptiSync®, ENERGY STAR®, EPEAT Silver, DVI Cable
VG2437mc-LED LED Monitor	23.6"	1920x1080 Full HD	1,000:1, 20M:1 w/ DCR	300 cd/m² (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7	Pivot, Height, Swivel, Tilt	VGA, DVI, DisplayPort (HDCP)	11.5 lb	21.9 x 17.8 x 9.4	24.5W (typ)	Integrated 2MP webcam w/ mic, ENERGY STAR®, EPEAT Silver, RoHS
VG2439m-LED VG2439m-TAA LED Monitor	23.6"	1920x1080 Full HD	1,000:1, 20M:1 w/ DCR	300 cd/m² (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7, 8	Pivot, Height, Swivel, Tilt	VGA, DVI, DisplayPort (HDCP)	11.4 lb	22.1 x 17.1 x 9.4	24W (typ)	ENERGY STAR®, RoHS, Kensington® Lock Slot, EPEAT Gold, DVI Cable
VG2732m-LED LED Monitor	27"	1920x1080 Full HD	1,200:1, 20M:1 w/ DCR	300 cd/m² (typ)	3.4ms (typ)	170° H 160° V	Yes	Yes	Win 7, 8	Pivot, Height, Swivel, Tilt	VGA, DVI DisplayPort (HDCP)	14.5 lb	25.3 x 17.0 x 9.5	55W (typ)	2-port USB hub, ENERGY STAR®, RoHS, EPEAT Silver, DVI Cable



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Product	Screen Size	Resolution	Contrast	Brightness	Video Response	Viewing Angle	Integrated Speakers	VESA® Mount	Windows <sup>®</sup> Certified	Ergonomics	Connectivity	Net Weight	Dimensions W x H x D (in.)	Power Usage	Special Features
VA705-LED LED Monitor	17"	1280x1024	1,000:1, 10M:1 w/ DCR	250 cd/m² (typ)	5ms (typ)	170° H 160° V	-	Yes	Win 7	Tilt	VGA	6.4 lb	14.9 x 15.8 x 8.3	20W (typ)	ENERGY STAR®, Kensington® Lock Slot, EPEAT Silver
VA926-LED LED Monitor	19"	1280x1024	1,000:1, 10M:1 w/ DCR	250 cd/m² (typ)	5ms (typ)	170° H 160° V	-	Yes	Win 7, 8	Tilt	VGA, DVI	7.7 lb	16.2 x 17.1 x 7.7	18W (typ)	ENERGY STAR®, RoHS, TC0 5.0, Kensington® Lock Slot
VA1912a-LED LED Monitor	18.5"	1366x768	1,000:1, 10M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	-	Yes	Win 7, 8	Tilt	VGA	6.3 lb	17.5 x 14.1 x 7.1	15W (typ)	ENERGY STAR®, RoHS, Kensington® Lock Slot
VA1912m-LED LED Monitor	18.5"	1366x768	1,000:1, 10M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7, 8	Tilt	VGA, DVI	6.3 lb	17.5 x 14.1 x 7.1	15W (typ)	ENERGY STAR®, RoHS, Kensington® Lock Slot
VA2037m-LED LED Monitor	19.5"	1600x900	1,000:1, 10M:1 w/ DCR	250 cd/m² (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7, 8	Tilt	VGA, DVI (HDCP)	6.2 lb	18.6 x 14.0 x 7.1	18W (typ)	ENERGY STAR®, RoHS, NOM, Kensington® Lock Slot
VA2212m-LED LED Monitor	21.5"	1920x1080 Full HD	1,000:1, 10M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7, 8	Tilt	VGA, DVI (HDCP)	6.4 lb	20.1 x 15.4 x 7.4	20W (typ)	ENERGY STAR®, Kensington® Lock Slot
VA2232wm-LED LED Monitor	21.5"	1680x1050	1,000:1, 10M:1 w/ DCR	250 cd/m² (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7	Tilt	VGA, DVI (HDCP)	8.6 lb	20.1 x 16.4 x 7.7	26W (typ)	Eco-mode, RoHS, Kensington® Lock Slot
VA2248m-LED LED Monitor	21.5"	1920x1080 Full HD	1,000:1, 10M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7	Tilt	VGA, DVI (HDCP)	8.0 lb	20.8 x 15.8 x 9.0	26W (typ)	ENERGY STAR®, RoHS, Kensington® Lock Slot, EPEAT Silver
VA2251m-LED VA2251m-TAA LED Monitor	21.5"	1920x1080 Full HD	1,000:1, 10M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7, 8	Tilt	VGA, DVI (HDCP)	7.7 lb	20.1 x 14.6 x 6.5	26W (typ)	ENERGY STAR®, Kensington® Lock Slot, EPEAT Silver, Matte Finish
VA2342-LED LED Monitor	23"	1920x1080 Full HD	1,000:1, 10M:1 w/ DCR	250 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	-	Yes	Win 7, 8	Tilt	VGA, DVI (HDCP)	5.6 lb	21.6 x 16.3 x 6.5	22W (typ)	ENERGY STAR®, RoHS, Kensington® Lock Slot, EPEAT Silver
VA2406m-LED LED Monitor	23.6"	1920x1080 Full HD	1,000:1, 10M:1 w/ DCR	270 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7, 8	Tilt	VGA, DVI (HDCP)	9.3 lb	21.9 x 16.5 x 8.6	30W (typ)	ENERGY STAR®, RoHS, Kensington® Lock Slot, EPEAT Silver
VA2448m-LED LED Monitor	23.6"	1920x1080 Full HD	1,000:1, 10M:1 w/ DCR	300 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7, 8	Tilt	VGA, DVI (HDCP)	10.1 lb	22.6 x 16.9 x 9.2	29W (typ)	ENERGY STAR®, RoHS, Kensington® Lock Slot, EPEAT Silver
VA2451m-LED VA2451m-TAA LED Monitor	23.6"	1920x1080 Full HD	1,000:1, 10M:1 w/ DCR	300 cd/m <sup>2</sup> (typ)	5ms (typ)	170° H 160° V	Yes	Yes	Win 7, 8	Tilt	VGA, DVI (HDCP)	8.8 lb	22.1 x 16.4 x 7.9	28W (typ)	ENERGY STAR®, RoHS, Kensington® Lock Slot, EPEAT Silver
VA2703-LED LED Monitor	27"	1920x1080 Full HD	1,200:1, 10M:1 w/ DCR	300 cd/m <sup>2</sup> (typ)	3.4ms (typ)	170° H 160° V	-	Yes	Win 7	Tilt	VGA, DVI (HDCP)	11.3 lb	23.4 x 17.2 x 6.8	27W (typ)	ENERGY STAR®, Kensington® Lock Slot, EPEAT Silver





## Glossary



### **Capacitive Touch**

Projected Capacitive is one of the leading touch technologies available and is widely utilized by mobile devices such as smartphones and tablets, offering a highly accurate and ultra-responsive touch experience. Supports up to 10 simultaneous touches on screen.



## DisplayPort (DP)

The latest standard for rapid transmission of data, DisplayPort delivers the best refresh rate, highest resolution and incredibly rich colors.



### **Eco-mode**

ViewSonic's proprietary Eco-mode function is built into all LED displays, offering options to "Optimize" or "Conserve". Both modes reduce display brightness and conserve up to 30%\* energy. With Eco-mode, lamp replacement expenditures are reduced while practicing eco-friendliness.



#### **ENERGY STAR®**

ENERGY STAR is a government-backed program that helps businesses and individuals save money and protect our climate through superior energy efficiency. By choosing ENERGY STAR certified products such as monitors and displays, businesses can save on energy costs while reducing greenhouse gases.



### **EPEAT (Gold/Silver)**

EPEAT® is a comprehensive environmental rating that helps identify greener computers and other electronic equipment. EPEAT Silver products meet all required environmental criteria plus at least 50% of optional criteria. EPEAT Gold products meet all required environmental criteria plus at least 75% of optional criteria.



#### **Ergonomics**

Ergonomic monitor features allow users to reduce eyestrain and physical fatigue by adjusting the monitor to create the most comfortable viewing angle. Many ViewSonic VG and VP display models offer height adjust, pivot, and tilt features for increased ergonomics.



### LED

LED backlighting enhances display performance, delivers an outstanding color range, and adjusts contrast ratios for remarkably detailed images. The LED backlighting further conserves up to 25%\* more energy when compared to conventional displays.



#### **Optical Touch**

Optical touch utilizes two or more image sensors that are usually placed around the edges of a display. Unlike Projected Capacitive touch, however, optical touch does not require a conductive object for touch recognition, making it ideal for gloved environments such as hospitals and dental offices or with a stylus.



### RoHS

RoHS (Restriction of Use of Hazardous Substances) regulations limit or ban specific harmful substances (such as lead, cadmium, and mercury) in new electronic and electric equipment. ViewSonic monitors are compliant with RoHS regulations.



#### SuperClear™ IPS

IPS (In-Plane Switching) panels eliminate image distortion and color shifting, even at extreme angles up to 178° horizontal and vertical.



### SuperClear™ VA

VA (Vertical Alignment) panels delivers superior image quality, accurate colors, and high contrast ratio even at super wide viewing angles of 178°.



### **TAA Compliance**

Compliant with the Trade Agreement Act (TAA), our broad line of products are ideal for use in government, educational and corporate environments. TAA-compliant monitors support GSA Schedule needs within the Federal Government.



## Warranty / Pixel Policy

ViewSonic is committed to using the highest grade panels and offers the industry's leading pixel performance policy. We also back our displays with a 3-year limited warranty for your peace of mind.

