

## Professional-grade colour and performance

ViewSonic's 21.6" VP2250wb widescreen LCD is a professional-grade display with 106% NTSC colour capability for richer more natural colours. Ideal for graphics production, financial and medical professionals where precise colour rendition is vital to the job. The VP2250wb features 3000:1 DYNAMIC CONTRAST RATIO (typ.) and ultra-fast ClearMotiv 2ms (grey-to-grey) response time for SUPERIOR FRONT-OF-SCREEN PERFORMANCE. Designed with the discriminating professional in mind, this display offers extensive ergonomic adjustments including height adjust, tilt, 120° swivel and pivot, and even a quick release stand. Certified for Windows Vista, this display is also HDCP compatible and features OptiSync digital/analogue inputs plus 4 USB ports to deliver a versatile and flexible professional package. Step into a world of amazing colour and accuracy with the VP2250wb.

**It's not just another professional LCD. It's a ViewSonic.**

# VP2250wb

**21.6" PROFESSIONAL LCD**  
**106% NTSC OPTICOLOR™ TECHNOLOGY**



### AN AMAZING PALETTE OF COLOURS

- > 106% NTSC OptiColor technology for richer more natural colours
- > ClearMotiv® 2ms (grey-to-grey) video response time
- > 3000:1 Dynamic Contrast Ratio (typ.)  
Provides for darker black levels and better overall front-of-screen performance.
- > Flexible advanced ergonomics – Height adjustable, pivot, 120° (60° left/60° right) swivel and tilt  
Provides the most comfortable viewing position for the user, enabling increased productivity.
- > Perfect Suite™ – True control software<sup>1</sup>  
Optimum display quality is easily achieved through flexible set up wizards and colour calibration menus.
- > Perfect Suite™ – Asset control and theft deterrent<sup>1</sup>  
Centralised theft control, settings and the monitor's status protects corporate investments by locking monitor to system with a unique pin code.
- > 1680 x 1050 optimum resolution
- > OptiSync® multiple analogue/digital inputs  
Includes DVI-D/HDCP and analogue inputs providing the IT department with maximum connectivity to multiple sources.
- > Integrated USB 2.0 hub expands your connectivity
- > VESA wall mount interface and detachable base for maximum flexibility
- > Certified for Windows Vista® Premium
- > A safe investment – "Zero Bright Dot"  
Improved regulation for addressing pixel/sub-pixel errors. VP2250wb customers can return their product within the DOA period – even if only a single sub-pixel is constantly bright on a dark background.<sup>2</sup>



**VIEWSONIC**  
PRODUCTS, PROGRAMS,  
AND SERVICES

**ViewSonic®**  
See the difference™ 

# VP2250wb



## 21.6" PROFESSIONAL LCD WITH 106% NTSC OPTICOLOR™ TECHNOLOGY



ViewSonic Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by the British Standards Institution.

<b>LCD</b>	Type	21.6" TN colour active matrix WSXGA+
	Display Area	46.5cm horizontal x 29.1cm vertical, 54.9cm diagonal
	Pixel Pitch	0.276mm
	Optimum Resolution	1680 x 1050@60Hz
	Pixel Clock	205MHz (analogue), 165MHz (digital)
	Contrast Ratio	1000:1 (typ.), 3000:1 DCR (typ.)
	Viewing Angle	160° horizontal, 160° vertical (at 10:1) 170° horizontal, 170° vertical (at 5:1)
	Response Time	2ms (grey-to-grey), 5ms (off-on-off, typ)
	Colour Support	16.7M colours supported (6-bit+2-bit HI FRC)
	Colour Gamut	Wide colour gamut: 106% NTSC
	Light Source	Long life, 40000 hrs. (typ.)
	Brightness	300cd/m <sup>2</sup>
	Panel Surface	anti-glare (3H)
<b>VIDEO INPUT</b>	Analogue	RGB analogue, (0.7/1.0 Vp-p, 75 ohms)
	Digital	DVI-D (HDCP enabled, TMDS, 100 ohms, DDC/CI)
	Frequency	F <sub>H</sub> : 24-95kHz, F <sub>V</sub> : 50-85Hz
	Synchronisation	H/V separated (TTL), composite, sync on green
<b>COMPATIBILITY</b>	PC	VGA up to 1920 x 1080 (1080p) non-interlaced, 1680 x 1050@60Hz (native resolution) preferred
	Mac <sup>®4</sup>	Power Mac™ up to 1920 x 1080 (1080p) non-interlaced, 1680 x 1050@60Hz (native resolution) preferred
<b>CONNECTOR</b>	Analogue	1 x 15-pin mini D-sub (detachable cable)
	Digital	1 x 24-pin DVI-D (detachable cable) (HDCP enabled)
	USB	1 x upstream (4-pin Typ B)/4 x downstream (4-pin Typ A), USB 2.0
	Power	Power 3-pin plug (CEE22)
<b>POWER</b>	Voltage	AC 100–240V, 50–60Hz (Auto-Switch), internal power supply
	Consumption	50 watt (typ., without USB peripherals connected), <1 watt in power save mode
<b>ERGONOMICS</b>	Tilt	Down 5°, Up 20°
	Swivel	120° (60°left/60° right)
	Pivot	0°–90°
	Height Adjustment	0~120mm
<b>CONTROLS</b>	Basic	Power, menu [1], up, down, select [2], main power switch
	OSD <sup>5</sup>	Auto image adjust, contrast, brightness, input select (D-sub, DVI-D), ViewMatch <sup>®</sup> colour adjust (sRGB, 9300K, 7500K, 6500K, 5000K, user RGB), information (resolution, H/V frequency, pixel clock, model number, serial number), manual image adjust (H/V position, H size, fine tune, sharpness, DCR [on/off], response time [standard, advanced, ultra-fast], colour space [RGB, YUV]), setup menu (language, resolution notice, OSD position, OSD timeout, OSD background, OSD pivot), auto white balance, OSD/power lock
<b>OPERATING-CONDITIONS</b>	Temperature	0°C–40°C
	Humidity	10%–90% (non condensation)
<b>DIMENSIONS</b>	B x H x T mm	510 x 388-508 x 309 (with stand), 510 x 334 x 66 (without stand) 590 x 493 x 271 (packaging)
<b>WEIGHT</b>	Netto	7.3kg (with stand), 4.9kg (without stand)
	Gross	9.6kg
<b>REGULATIONS</b>		TCO'03, CE, CB, TÜV/GS, TÜV/ERGO, ISO 13406-2 (pixel failure class II), UL, cUL, GOST-R, Hygienic, FCC-B (ICES), ICES-003B, NOM, SASO, ENERGY STAR <sup>®</sup> , C-Tick, KTL/MIC, BSMI, PSB, TÜV-S, MPR II, CCC, WEEE, RoHS
<b>POWER MANAGEMENT</b>		Meets TCO'03 and ENERGY STAR standards
<b>SECURITY</b>		Kensington security port
<b>WALL MOUNT</b>		VESA FDMI 100mm x 100mm
<b>PACKAGE CONTENT</b>		LCD Monitor, power cable, 15-pin VGA video cable, DVI-D cable, USB cable, Quick Start Guide, ViewSonic Wizard CD-ROM (User Guide/drivers) (multi-language)
<b>WARRANTY</b>		Please see: <a href="http://www.viewsoniceurope.com/UK/Support/warranty.htm">www.viewsoniceurope.com/UK/Support/warranty.htm</a>

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<sup>1</sup> Requires optional VESA DDC/CI compatible graphics card. PerfectSuite™ and pivot function not supported by ViewSonic on Apple computers. <sup>2</sup> DOA (Dead on Arrival) timeframe for return is based on the fact that 99% of such types of sub-pixel errors result within a single normal thermo cycle (i.e. after the display has been on for a period, then off for a period and then on again: hot, cold, hot). <sup>3</sup> Mounting options available from 3rd party suppliers. <sup>4</sup> May require optional Mac adapter. <sup>5</sup> Some features may not be available on all inputs.

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For more product information, visit us on the web at [www.ViewSonicEurope.com](http://www.ViewSonicEurope.com)