VLED221wm

22" WIDESCREEN LED LCD

118% NTSC OPTICOLOR™ TECHNOLOGY

Astounding colour and precision

ViewSonic's 22" VLED221wm widescreen LCD features a mercury-free LED backlight that requires less power than a standard 22" LCD yet produces exceptionally brilliant colour and crystal-clear images. OptiColor 118% NTSC and Super-HD 1680 x 1050 resolution deliver the deepest colour rendition, while the 16:10 widescreen panel allows users to work in two documents or applications side-by-side. Unmatched 12000:1 Dynamic Contrast Ratio (typ.) further supports the VLED221wm's excellent front-of-screen performance with the blackest blacks and whitest whites. OptiSync digital and analogue inputs and integrated speakers expand this display's multimedia versatility. Gamers, movie fans, graphic designers and home office users will love the performance and style of the VLED221wm.

It's not just a wide gamut LED LCD. It's a ViewSonic.

DESIGNED FOR A SUPERIOR VISUAL EXPERIENCE

> **OptiColor technology**
  Delivers NTSC 118% colour gamut for richer, more precise colours. Enjoy more intense colours in your graphics, photos and documents.

> **Fast ClearMotiv® video response**
  Video response as fast as 5ms enables digital HD broadcast-quality video.

> **12000:1 Dynamic Contrast Ratio (typ.)**
  Provides for darker black levels and better overall front-of-screen performance.

> **Stylish slim-bezel design**
  The thin bezel lets you see more without taking up valuable desktop real estate.

> **OptiSync® digital/analogue inputs expand your connectivity**
  Multi-mode input technology supports both digital (DVI/HDCP) and analogue (VGA) signals for ultimate compatibility and configuration flexibility.

> **OnView® controls for superior screen adjustability**
  Screen adjustments are precisely made via an easy-to-use on-screen menu.

> **SRS WOW HD sound and high quality stereo speakers**
  Extends the speaker frequency range, delivering better response and sound performance.

> **Windows® Vista® Premium certified**

> **PC and Mac® compatible**

> **ENERGY STAR® qualified**

12,000:1 Dynamic Contrast Ratio

1680x1050 SUPER HD

SRS WOW

OptiColor™

MORE THAN **2000** AWARDS

ViewSonic PRODUCTS, PROGRAMS, AND SERVICES

ViewSonic®
See the difference™

VLED221wm

22" WIDESCREEN LED LCD WITH 118% NTSC OPTICOLOR™ TECHNOLOGY

LCD	Type	22" Wide TN colour TFT active matrix WSXGA+ LCD
	Display Area	47.4cm horizontal x 29.6cm vertical, 55.9cm diagonal
	Pixel Pitch	0.282mm
	Optimum Resolution	1680 x 1050@60Hz
	Pixel Clock	170MHz
	Contrast Ratio	1000:1 (typ.), 12000:1 DCR (typ.)
	Viewing Angle	170° horizontal, 160° vertical (at 10:1)
		170° horizontal, 170° vertical (at 5:1)
	Response Time	5ms (off-on-off) (typ.)
	Colour Support	16.7M colours supported (6-bit+2-bit FRC)
	Colour Gamut	Wide colour gamut: 118% NTSC
	Light Source	LED backlight array
	Brightness	250cd/m² (typ.)
	Panel Surface	Anti-glare (3H)
VIDEO INPUT	Analogue	RGB analogue (0.7/1.0 Vp-p, 75 ohm, DDC/CI)
	Digital	DVI-D (HDCP enabled, TMDS, 100 ohm, DDC/CI)
	Frequency	F_h: 30–82kHz, F_v: 50–75Hz
	Synchronisation	H/V separate (TTL), composite, sync on green
COMPATIBILITY	PC	VGA up to 1680 x 1050 non-interlaced
	Mac[1]	Power Mac™ up to 1680 x 1050 non-interlaced
CONNECTOR	Analogue	15-pin mini D-Sub (detachable cable)
	Digital	24-pin DVI-D (detachable cable) (HDCP enabled)
	Audio	3.5mm stereo audio line-in
	Power	3-pin AC plug (CEE22)
AUDIO	Speakers	2 x 2.5 watt integrated stereo speakers with SRS WOW HD[2]
POWER	Voltage	AC 100–240 V, 50–60 Hz (auto switch), internal power supply
	Consumption	36 watt (typ.), <1 watt in power save mode
ERGONOMICS	Tilt	Down 5°, Up 17°
CONTROLS	Basic	Power, menu [1], select [2], up, down
	OSD[3]	Auto image adjust, contrast, brightness, input select (D-sub, DVI-D), Audio adjust (volume, mute), ViewMatch® 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), setup menu (language [11 options], resolution notice, OSD position, OSD timeout, OSD background), OSD/power lock, memory recall
OPERATING-CONDITIONS	Temperature	5°C–35°C
	Humidity	20%–80% (non-condensation)
DIMENSIONS	W x H x D mm	524 x 482 x 244 (with stand), 524 x 355 x 64 (without stand)
		575 x 522 x 150 (packaging)
WEIGHT		6.0kg (with stand), 4.8kg (without stand), 7.5kg (packaging)
REGULATIONS		CE, CB, TÜV/ERGO, ISO 13406-2 (pixel failure class II), UL, cUL, GOST-R+Hygienic, FCC-B, NOM, SASO, ENERGY STAR, C-Tick, BSMI, PSB, TÜV-S, MPR II, VCCI, CCC, WEEE, RoHS
POWER MANAGEMENT		Meets ENERGY STAR standards
SECURITY		Kensington® security port
WALL MOUNT		VESA FDMI 100mm x 100mm
PACKAGE CONTENT		LCD Monitor, power cable, 15-pin VGA video cable, DVI cable, audio cable, Quick Start Guide, ViewSonic Wizard CD-ROM (multi-language User Guides/drivers and SRS WOW HD software)
WARRANTY		Please see: www.viewsoniceurope.com/UK/Support/warranty.htm

ENERGY STAR

CERTIFIED FOR
Windows Vista™

TCO Development
TCO'03
DISPLAYS
www.tcodevelopment.com

ISO 9001
REGISTERED
FM 40187

ISO 14001
REGISTERED
EMS 40968

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

[1] May require optional Mac adapter. [2] Requires SRS Audio Sandbox software to be installed. [3] Some features may not be available on all inputs.