# VG2230wm

## 22" WIDESCREEN GRAPHIC SERIES LCD

WITH SWIVEL AND HEIGHT ADJUSTMENT

# Big screen, big performance

For big performance and even bigger productivity you need a big screen. The ViewSonic VG2230wm features large widescreen multimedia performance for a unique desktop experience. The 22" WIDESCREEN display allows you to view two documents side-by-side or work in two applications simultaneously and the 360° SWIVEL base allows you to share your view with co-workers. The 280cd/m² brightness and high 700:1 contrast ratio produce bright, crisp, detailed images whilst analogue and digital inputs ensure versatile connectivity options. Graphics professionals love the FAST 5MS VIDEO RESPONSE TIME that delivers blur-free, full motion video and crystal clear images. And with ERGONOMIC HEIGHT ADJUSTMENT and tilt, you'll work comfortably for hours. The VG2230wm widescreen multimedia LCD delivers a complete visual experience to your desktop.

**It's not just a large digital widescreen LCD. It's a ViewSonic.**

## FLEXIBLE, VERSATILE DISPLAY

> **Stylish slim-bezel design**
  The full 22" viewable widescreen in an ultra-thin bezel lets you see more without taking up valuable desktop real estate.

> **Ergonomic base adds ease and comfort**
  Ultimate ergonomic flexibility comes built-in with the convenient 135mm height adjustment, tilt and 360° swivel base.

> **High 280cd/m² brightness (typ.) and 700:1 contrast ratio (typ.)**

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

> **ClearMotiv® 5ms video response time**
  Fast 5ms video response delivers broadcast-quality, full-motion video.

> **Dynamic Structure™ technology**
  Innovative liquid crystal composition and pixel matrix accelerate video response for seamless video and intense graphics.

> **Multimedia enhanced**
  Save workspace and enjoy rich stereo sound with two built-in speakers.

> **VESA 100mm wall mount interface and Kensington® security port**

> **TCO'03 and ENERGY STAR® qualified**

> **PC and Mac® compatible**

CERTIFIED FOR Windows Vista™

MORE THAN 2000 AWARDS

**ViewSonic**
PRODUCTS, PROGRAMS, AND SERVICES

**ViewSonic®**
*See the difference™*

# VG2230wm

## 22" WIDESCREEN GRAPHIC SERIES LCD
## WITH SWIVEL AND HEIGHT ADJUSTMENT

| | | |
|---|---|---|
| LCD | Type | 22" Wide TN colour TFT active matrix WSXGA+ LCD |
| | Display Area | 47.6cm horizontal x 29.8cm vertical, 55.9cm diagonal |
| | Pixel Pitch | 0.282mm |
| | Optimum Resolution | 1680 x 1050@60Hz |
| | Pixel Clock | 165MHz |
| | Contrast Ratio | 700:1 (typ.) |
| | Viewing Angles | 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) |
| | Light Source | Long life, 60000hrs. (typ.) |
| | Brightness | 280cd/m$^2$ |
| | Panel Surface | Anti-glare |
| VIDEO INPUT | Analogue | RGB analogue (0.7 Vp-p, 75 ohm) |
| | Digital | DVI-D (TMDS, 100 ohm) |
| | Frequency | $F_h$: 24–82kHz, $F_v$: 50–85Hz |
| | Synchronisation | H/V separate (TTL) |
| COMPATIBILITY | PC | VGA up to 1680 x 1050 non-interlaced |
| | Mac[1] | Power Mac™ G3/G4/G5 up to 1680 x 1050 non-interlaced |
| CONNECTOR | Analogue | 15-pin mini D-Sub (detachable cable) |
| | Digital | 24-pin DVI-D (detachable cable) |
| | Audio | 3.5mm stereo audio line-in |
| | Power | 3-pin AC plug (CEE22) |
| AUDIO | Speakers | 2 x 2 watt integrated stereo speakers |
| POWER | Voltage | AC 100– 240V, 50/60Hz (auto switch), internal power supply |
| | Consumption | 43 watt (typ.), <1 watt in power save mode |
| ERGONOMICS | Tilt | Down 5°, Up 20° |
| | Swivel | 360° swivel base |
| | Height Adjustment | 0~ 135mm |
| CONTROLS | Basic | Power, menu [1], up, down, select [2], mute, volume up/down |
| | OSD[2] | Auto image adjust, contrast, brightness, input select (D-sub, DVI-D), ViewMatch® colour adjust (sRGB, 9300K, 7500K, 6500K, 5400K), information (resolution, H/V frequency, pixel clock, model number, serial number), audio adjust (volume, mute), manual image adjust (H/V position, fine tune, sharpness), setup menu (language, resolution notice, OSD position, OSD timeout, OSD background), OSD/power lock, memory recall |
| OPERATING CONDITONS | Temperature | 0°C – 40°C |
| | Humidity | 10% – 90% (non-condensation) |
| DIMENSIONS | W x H x D mm | 519 x 436-571 x 250 (with stand) |
| | | 519 x 392 x 60 (without stand) |
| | | 570 x 530 x 300 (packaging) |
| WEIGHT | Net | 6.6kg (with stand) |
| | Gross | 8.6kg |
| REGULATIONS | | TCO'03, TÜV/GS, TÜV/ERGO, ISO 13406-2 (pixel failure class II), CB, CE, GOST-R, UL, cUL, FCC-B, ICES-003, NOM, SASO, ENERGY STAR, C-Tick, MIC, BSMI, PSB, MPR II, Argentina TÜV-S, CCC, WEEE, RoHS |
| POWER MANAGEMENT | | Meets TCO'03 and 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, audio cable, Quick Start Guide, ViewSonic Wizard CD-ROM (User Guide/drivers) (multi-language) |
| WARRANTY | | Please see: www.viewsoniceurope.com/UK/Support/warranty.htm |

TCO'03 DISPLAYS
www.tcodevelopment.com

RoHS COMPLIANT™

CERTIFIED FOR Windows Vista™

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] Some features may not available on all inputs.

## For more product information, visit us on the web at www.ViewSonicEurope.com