ViewSonic® VP231wb LCD Display

23.0" ThinEdge™ Wide-Screen Display

World-class performance in a wide-screen LCD

Expand your view with this 23" 1920x1200 wide-screen LCD. Amazing 176° XtremeView® wide viewing angles optimize productivity for graphics, CAD, and large spreadsheet applications. **CLEARMOTIV™ FAST VIDEO RESPONSE,** ITU 709-4 HDTV color, 1080i and 720p HDTV compatibility and a 24Hz vertical refresh rate make this display **IDEAL FOR BROADCAST MONITORS, FILM/TV PRODUCTION AND POST-PRODUCTION APPLICATIONS.** The ultra-slim bezel maximizes workspace real estate and enables multiple-panel installations. Height/pivot* adjustments, digital/analog inputs and USB 2.0 high-speed connections extend your viewing option. With **PROFESSIONAL-CALIBER FEATURES,** the VP231wb is the perfect choice for maximizing your productivity and your visual experience.

MORE THAN 2000 AWARDS

ViewSonic products, programs and service have now won more than 2,000 awards worldwide.

Maximized viewing and versatility

···❯ **Full 23.0" viewable screen**

···❯ **1920x1200 native resolution**

···❯ **High brightness and contrast**
250-nit brightness (typ) and 500:1 contrast ratio (typ) for rich images.

···❯ **Image clarity from all directions**
XtremeView performance features ultra-wide 176° viewing angles horizontally and vertically.

···❯ **Ideal for film/TV, production and post-production**
With ITU 709-4 HDTV color, 1080p, 1080i, and 720p with no overscan and a 24/25Hz vertical refresh rate, this monitor is ideal for graphics, TV production, and post-production applications requiring real-time film viewing.

···❯ **Amplified Impulse™ technology**
Amplified Impulse technology accelerates grayscale transitions for superior motion video and gaming.

···❯ **OPTISYNC** BEYOND DIGITAL **analog/digital inputs and integrated USB hub expand your connectivity**

···❯ **Medically certified package available (VP231wb-MED)**

···❯ **Pivot*, height adjust and wall-mount versatility**
VESA® wall-mount interface and detachable base for ergonomic flexibility with height, tilt and swivel adjustments.

···❯ **ThinEdge maximizes productivity**
The ultra-slim 0.85" bezel design enhances your visual experience with clean, minimalist borders around the active image area making it ideal for multiple-monitor setups.

ThinEdge

ViewSonic®

the choice of professionals

*Pivot function not supported by ViewSonic on Apple computers.

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specifications

Wide-travel height adjustment
With over 4¼ inches of travel, this LCD fits just right.

Pivot adjustments**
Rotate to wide range of varying degrees.

Analog VGA connector

Digital/Analog DVI-I connector

1 up/4 down USB 2.0 Hub

DC power connector

Rear Connectors
A number of input connections ensure long-term compatibility.

LCD PANEL	Type	23.0" color TFT active matrix WUXGA LCD
	Display Area	19.5" horizontal x 12.2" vertical; 23.0" diagonal
	Optimum Resolution	1920x1200 (2.3 megapixel)
	Contrast Ratio	500:1 (typ)
	Viewing Angles	176° horizontal, 176° vertical @ contrast ratio >10
	Response Time	12ms (gray-to-gray); 16ms (black-white-black, typ)
	Brightness	250 cd/m2 (typ)
	Glass Surface	Anti-glare
VIDEO INPUT	Analog	RGB Analog (75 ohms, 0.7/1.0 Vp-p)
	Digital	DVI-I (TMDS, 100 ohms, or analog capable)/HDCP
	Frequency	F_h: 30~92kHz, F_v: 24~85Hz
	Sync	H/V separated, composite, sync-on-green (TTL)
COMPATIBILITY	PC	VGA up to 1920x1200 non-interlaced
	Mac®*	Power Mac™ G3/G4/G5 up to 1920x1200. Pivot function not supported by ViewSonic
	HDTV	480p, 720p, 1080i
CONNECTOR	Analog	15-pin mini D-sub
	Digital	Digital DVI-I
	USB	V 2.0 Up stream (B type) x1; Down stream (A type) x4
	Power	3-pin plug (CEE22)
POWER	Voltage	AC 100–240V (universal), 50/60Hz
	Consumption	80W (typ)
CONTROLS	Basic	Power, 1, down, up, 2
	OnView®	Auto image adjust, contrast, brightness, input select (D-sub, DVI-A, DVI-D), color adjust (sRGB, 9300K, 6500K, 5400K, 5000K, user color, hue, saturation), information (H/V frequency, resolution, model number, serial number, web site), manual image adjust (H. size, H/V position, fine tune, scaling, PIP††, zoom), setup menu (language, resolution notice, input priority, OSD, OSD timeout, OSD background), memory recall, mirror function
OPERATING CONDITION	Temperature	32–104° F (0–40° C)
	Humidity	10–90% (non-condensing)
DIMENSIONS (W x H X D)	Physical	542mm x 484mm x 267mm; 21.3" x 19.1" x 10.5" (with stand) 542mm x 354mm x 96mm; 21.3" x 13.9" x 3.8" (without stand)
WEIGHT	Net	19.8 lb. (9.0 kg) with stand; 13.2 lb. (6.0 kg) without stand
	Gross	30.9 lb. (14.0 kg) with stand
REGULATIONS		UL, cUL, FCC-B, CB, CE, ENERGY STAR®, NOM, TUV/GS, TUV Ergo, (covers ISO13406-2 and MPR II), TCO'99, GOST-R, hygienic, SASO, PCBC, VCCI, BSMI, CCC, PSB, C-TICK, TUV-S (VP231wb - med UL60601-1, option), CSA C22.2 No. 601.1 and FCC part 18.
POWER MANAGEMENT		Meets TCO'99 and ENERGY STAR® standards
PACKAGE CONTENTS		LCD display, video cables (VGA and DVD-D), power cable, USB cable, Quick Start Guide, ViewSonic Wizard CD, portrait/pivot CD-ROM software
WARRANTY		Three-year limited warranty on parts, labor and backlight

TCO 99

ISO 9001:2000 FM 40187

ISO 14001:1996 FM 40968

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

ViewSonic®
the choice of professionals

For more product information, visit us on the web at ViewSonic.com