VP950b

19" PROFESSIONAL LCD
98% NTSC OPTICOLOR™ TECHNOLOGY

Professional-grade colour and performance

ViewSonic's 19" VP950b LCD is a professional-grade display with 98% NTSC colour capability for richer, more natural colours across the entire colour spectrum. It is ideal for medical imaging, where precise colour rendition is vital to diagnosis. Graphics production, film and financial professionals will also find this display perfectly suited to their needs. 2000:1 DYNAMIC CONTRAST RATIO (typ.) and ultra-fast ClearMotiv 2ms response time (GtoG) deliver SUPERIOR FRONT-OF-SCREEN PERFORMANCE. The VP950b 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 VP950b.

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

AN AMAZING PALETTE OF COLOURS

> 98% NTSC OptiColor technology for richer more natural colours

> ClearMotiv® 2ms video response time (GtoG)
Ultra-fast video response enables digital HD broadcast-quality video.

> 2000:1 Dynamic Contrast Ratio
Provides for darker black levels and better overall front-of-screen performance.

> Flexible advanced ergonomics – Height adjustable, pivot, 120° swivel and tilt
Provides the most comfortable viewing position for the user, enabling increased productivity.

> Perfect Suite™ – True control software[1]
Optimum display quality is easily achieved through flexible set up wizards and colour calibration menus.

> Perfect Suite™ – Asset control and theft deterrent[1]
Centralised theft control, settings and the monitor's status protects corporate investments by locking monitor to system with a unique pin code.

> Full 19" viewable screen with 1280 x 1024 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 flexibility

> Certified for Windows Vista® Premium

> A safe investment – "Zero Bright Dot"
Improved regulation for addressing pixel/sub-pixel errors. VP950b customers can return their product within the DOA period - even if only a single sub-pixel is constantly bright on a dark background[2].

2ms Fast Response

2000:1 Dynamic Contrast Ratio

4 USB PORTS

CERTIFIED FOR Windows Vista™

MORE THAN 2000 AWARDS

ViewSonic PRODUCTS, PROGRAMS, AND SERVICES

ViewSonic®
See the difference™

VP950b

19" PROFESSIONAL LCD WITH 98% NTSC OPTICOLOR™ TECHNOLOGY

LCD	Type	19" TN colour TFT active matrix SXGA LCD
	Display Area	37.6cm horizontal x 30.1cm vertical, 48.3cm diagonal
	Pixel Pitch	0.294mm
	Optimum Resolution	1280 x 1024@60Hz
	Pixel Clock	140MHz
	Contrast Ratio	800:1 (typ.), 2000:1 DCR (typ.)
	Viewing Angle	170° 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, 98% of NTSC
	Light Source	Long life, 50000 hrs. (typ.)
	Brightness	280cd/m² (typ.)
	Panel Surface	Anti-glare (3H)
VIDEO INPUT	Analogue	RGB analogue (0.7/1.0 Vp-p , 75 ohms)
	Digital	DVI-D (HDCP enabled, TMDS, 100 ohms, DDC/CI)
	Frequency	F_h: 24-82kHz, f_v: 50-85Hz
	Synchronisation	H/V separated (TTL), composite, sync on green
COMPATIBILITY	PC	VGA up to 1280 x 1024 non-interlaced
	Mac®4	Power Mac™ up to 1280 x 1024 non-interlaced
CONNECTOR	Analogue	15-pin mini D-sub (detachable cable)
	Digital	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	3-pin plug (CEE22)
POWER	Voltage	AC 100–240V, 50–60Hz (Auto-Switch), internal power supply
	Consumption	40 watt (typ., without USB peripheral connected), <1 watt in power save mode
ERGONOMICS	Tilt	Down 5°, Up 20°
	Swivel	120° (60° left/right)
	Pivot	0°~90°
	Height Adjustment	0~120mm
CONTROLS	Basic	Power, menu [1], up, down, select [2]
	OSD5	Auto image adjust, contrast, brightness, input select (D-sub, DVI-D), 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, DCR [on/off], response time [standard, advanced, ultra-fast]), setup menu (language, resolution notice, OSD position, OSD timeout, OSD background, OSD pivot), auto white balance, OSD/power lock
OPERATING-CONDITIONS	Temperature	0°C–40°C
	Humidity	10%–90% (non-condensation)
DIMENSIONS	W x H x D mm	412 x 391-510 x 279 (with stand)
		412 x 331 x 63 (without stand)
		470 x 523 x 195 (packaging)
WEIGHT	Net	5.6kg (with stand), 4.4kg (without stand)
	Gross	7.5kg
REGULATIONS		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, ENERGY STAR, C-Tick, KTL/MIC, BSMI, PSB, TÜV-S, MPR II, CCC, Green Mark, EPEAT, WEEE, RoHS
POWER MANAGEMENT		Meets TCO'03 and ENERGY STAR standards
SECURITY		Kensington security port
WALL MOUNT		VESA FDMI 100mm x 100mm
PACKAGE CONTENTS		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)
WARRANTY		Please see: www.viewsoniceurope.com/UK/Support/warranty.htm

CERTIFIED FOR Windows Vista™

RoHS COMPLIANT™

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] Requires optional VESA DDC/CI compatible graphics card. PerfectSuite™ and pivot function not supported by ViewSonic on Apple computers. [2] DOA (Dead on Arrival) timeframe for return is based of 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). [3] Mounting options available from 3rd party suppliers. [4] May require optional Mac adapter. [5] Some features may not be available on all inputs.

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