Philips Brilliance
LCD widescreen monitor

56cm/22" wide
WSXGA+

Brilliance

220SW9FS

Feature packed performance widescreen productivity

The larger widescreen monitor for your productivity: With SmartImage, SmartContrast and SmartControl to boost your work output plus TrueVision for the best-ever LCD display, the TCO'03 certified, Vista-ready 220SW9 is ready to work for you.

Best total cost of ownership solution
- TrueVision: Laboratory quality display performance
- DVI-D input and HDCP support
- TCO'03 guarantees the highest safety and ergonomic standards
- Empowered for Windows Vista

Outstanding front of screen performance
- SmartImage: Optimized user-friendly display experience
- SmartContrast: For incredible rich black details

Eco-friendly design
- Green design conserves resources and reduces operating costs

Great convenience
- Dual input accepts both analog VGA and digital DVI signals
- Easy picture format control switching in wide and 4:3 format
- Screen tilts to your ideal, individualized viewing angle
- Hassle-free display performance tuning with SmartControl II

PHILIPS

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220SW9FS/05

Highlights

SmartImage
SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

TrueVision
TrueVision is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color accuracy and display quality in every new monitor.

SmartContrast
SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

Dual input
Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

Eco-friendly design
Eco-friendly design is based on environmentally conscious engineering of a display device to minimize power consumption, reduce packing materials and eliminate hazardous materials. Being at the forefront of sustainability and with our longstanding commitment to reduce the environmental impact of our products, we enable consumers to make simple, responsible choices about the products they buy and the impact they have before, during and at the end of their life cycle.

HDCP ready
High-Bandwidth Digital Content Protection (HDCP) is a copyright protection system that is incorporated into the DVI connector. It helps stop unauthorized duplication of copyrighted content. HDCP allows you to play protected content media such as movies and concerts. It checks the signal to prevent piracy, allowing only legal copies of content to display.

SmartControl II
SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, color calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

Windows Vista ready
Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Panel Size: 22" / 55.9 cm
- Aspect ratio: 16:10
- Pixel pitch: 0.282 x 0.282 mm
- Brightness: 300 cd/m²
- SmartContrast ratio (dynamic): 10000:1
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Contrast ratio (typical): 1000:1
- Response time (typical): 5 ms
- Optimum resolution: 1680 x 1050 @ 60Hz
- Display colors: 16.7 M
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 75 Hz
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D
- Sync Input: Composite Sync, Separate Sync, Sync on Green

Convenience
- User convenience: SmartControl II, SmartManage enabled, Picture format selection, On-screen Display
- Monitor Controls: Auto (Back), Brightness (Up), Input (Down), Menu (OK), Power On/Off, SmartImage
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese
- Regulatory approvals: CE Mark, FCC Class B, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 7/Vista/XP/2000/98, Mac OS X
- Other convenience: Kensington lock compatible
- Tilt: -5° to 20°
- VESA Mount: 100 x 100 mm

Power
- Consumption (On mode): < 45 W (Typical)
- Consumption (economy mode): 34 W
- Consumption (Off Mode): < 0.8 W
- Power LED indicator: Operation - Blue, Stand by/ sleep -blue(blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz

Dimensions
- Set dimensions with stand (W x H x D): 502 x 413 x 199 mm
- Set dimensions with stand in inch (W x H x D): 17.7 x 16.3 x 7.83 inch
- Set dimensions (W x H x D): 502 x 346 x 58 mm
- Set dimensions in inch (W x H x D): 17.7 x 13.6 x 2.26 inch
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Box dimensions (W x H x D): 562 x 456 x 149 mm
- Box dimensions in inch (W x H x D): 22.1 x 18.0 x 5.87 inch
- Product weight (+stand): 4.3 kg
- Product weight (+stand) (lb): 9.48 lb
- Weight incl. Packaging: 5.96 kg
- Weight incl. Packaging (lb): 13.14
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C

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