



Philips Brilliance
LCD widescreen monitor

56 cm (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: Optimised user-friendly display experience
- SmartContrast: For incredible rich black details

Eco-friendly design

- The green design conserves resources and reduces operating costs

Great convenience

- Dual input accepts both analogue VGA and digital DVI signals
- Easy picture format control switching between wide and 4:3 formats
- Screen tilts to your ideal, individualised viewing angle
- Hassle-free display performance tuning with SmartControl II

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Highlights

SmartImage

SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised 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 optimises the contrast, colour 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 an industry leading, proprietary Philips testing and algorithm technology for the adjustment and fine-tuning of monitors, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements, for each monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of colour accuracy and display quality in every new monitor.

SmartContrast

SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours 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 analogue VGA and digital DVI signals.



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 @ 60 Hz
- Display colours: 16.7 M
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 75 Hz
- sRGB

Connectivity

- Signal Input: VGA (Analogue), 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 and 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, Standby/sleep-blue (flashing)
- Power supply: Built-in, 100-240 VAC, 50/60 Hz

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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