Feature-packed performance widescreen 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 Philips Brilliance widescreen 190SW9 is ready to get the job done.

Best total cost of ownership solution
- TrueVision: Laboratory quality display performance
- 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
- 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
- Cable management for a tidy work space

PHILIPS

LCD widescreen monitor
48 cm (19") wide WXGA+

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.

Easy picture format control
Philips easy picture format control on OSD switches from the 4:3 aspect ratio to the widescreen mode

and back again to match the display's aspect ratio with your content; it allows you to work with wide documents without scrolling or viewing widescreen media in the widescreen mode and gives you distortion-free, native mode display of 4:3 ratio content.

Eco-friendly design
Eco-friendly design is based on environmentally conscious engineering of a display device to minimise 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.

SmartControl II
SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, colour calibration and other display settings including brightness, contrast, clock and 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 organising information for work or play quick, efficient and easy.

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Panel Size: 19 inch/48.26 cm
- Aspect ratio: 16:10
- Pixel pitch: 0.2835 x 0.2835 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast ratio (dynamic): 10000:1
- Response time (typical): 5 ms
- Optimum resolution: 1440 x 900 @ 60 Hz
- Viewing angle: 176° (H)/170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- 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, Energy Star, FCC Class B, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL
- Plug and Play Compatibility: DDC/CI, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista, Mac OS X
- Tilt: -5° to 20°
- VESA Mount: 100 x 100 mm
- Other convenience: Kensington lock compatible

Power
- Consumption (On mode): < 36 W (typical)
- Consumption (economy mode): 27 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
- Complies with: Energy Star

Dimensions
- Set dimensions with stand (W x H x D): 436 x 373 x 183 mm
- Set dimensions with stand in inch (W x H x D): 17.2 x 14.7 x 7.2 inch
- Set dimensions (W x H x D): 436 x 305 x 68 mm
- Set dimensions in inch (W x H x D): 17.2 x 12.0 x 2.68 inch
- Box dimensions (W x H x D): 488 x 420 x 141 mm
- Box dimensions in inch (W x H x D): 19.2 x 16.5 x 5.55 inch
- Product weight (+stand): 3.64 kg
- Product weight (+stand) (lb): 8.02 lb
- Weight incl. Packaging: 5.27 kg
- Weight incl. Packaging (lb): 11.6
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Relative humidity: 20% - 80%
- MTBF: 50,000 (excl. CCFL 40,000) hrs