Philips Brilliance
LCD monitor

48 cm (19")
SXGA

Brilliance

190S9FB

Feature packed display for increased 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 190S9 is ready to get the job done.

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
- Screen tilts to your ideal, individualized viewing angle
- Hassle-free display performance tuning with SmartControl II
- Cable management for a tidy work space

PHILIPS
sense and simplicity

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.

Cable management

Cable management is a system that maintains tidy workspace by organizing cables and wires required for the operation of a display device.

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.

LCD monitor
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190S9FB/27

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Panel Size: 19"/ 48 cm
- Pixel pitch: 0.294 x 0.294 mm
- SmartContrast ratio (dynamic): 8000:1
- Brightness: 300 cd/m²
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Contrast ratio (typical): 800:1
- Picture enhancement: SmartImage
- Response time (typical): 5 ms
- Optimum resolution: 1280 x 1024 @ 60 Hz
- 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, 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 & Play Compatibility: DDC/CI, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista, Mac OS X
- Other convenience: Kensington lock compatible
- Tilt: -5° to 20°
- VESA Mount: 100 x 100 mm

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

Dimensions
- Set dimensions with stand (W x H x D): 404 x 418 x 186 mm
- Set dimensions with stand in inch (W x H x D): 15.9 x 16.5 x 7.32 inch
- Set dimensions (W x H x D): 404 x 350 x 68 mm
- Set dimensions in inch (W x H x D): 15.9 x 13.8 x 2.68 inch
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Box dimensions (W x H x D): 451 x 465 x 151 mm
- Box dimensions in inch (W x H x D): 17.8 x 18.3 x 5.94 inch
- Product weight (+stand): 3.85 kg
- Product weight (+stand) (lb): 8.49 lb
- Weight incl. Packaging: 5.24 kg
- Weight incl. Packaging (lb): 11.6 lb
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C

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