Philips Brilliance
LCD monitor

19"

SXGA

Brilliance

190S9FS

TrueVision | SmartImage

SmartContrast | HDCP ready

VGA dvi DualInput | TCO'03 DISPLAYS

Lead Free!

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 ensures top quality LCD display delivered to you
- TCO'03 guarantees the highest safety and ergonomic standards
- Empowered for Windows Vista

Outstanding front of screen performance
- SmartImage: For an optimized display experience
- SmartContrast: Dynamic,optimized contrast for visual clarity

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

Great convenience
- Dual input accepts both analog VGA and digital DVI signals
- Tilt and swivel adjustment for an ideal viewing angle
- Hassle-free display performance tuning with SmartControl II
- Cable management for a tidy work space

PHILIPS

sense and simplicity

LCD monitor
19" SXGA

Specifications

Picture/Display
- Panel Size: 19"/ 48 cm
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Recommended Resolution: 1280 x 1024 @ 60 Hz
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Display colors: 16.7 M
- Brightness: 300 cd/m²
- SmartContrast ratio (dynamic): 8000:1
- Contrast ratio (typical): 800:1
- Picture enhancement: SmartImage
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Response time (typical): 5 ms
- Effective viewing area: 376.3 x 301.1 mm
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 -75 Hz
- Pixel pitch: 0.294 x 0.294 mm
- sRGB

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

Convenience
- Convenience Enhancements: 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
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista
- Regulatory Approvals: CE Mark, Energy Star, FCC Class B, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL
- Tilt: -5° to 20°
- Other convenience: Kensington lock compatible
- VESA Mount: 100 x 100 mm

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
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- 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
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- 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

Power
- Consumption: < 36 W (Typical)
- Consumption (economy mode): 27 W
- Off Mode: < 0.8 W
- Complies with: Energy Star
- Power LED indicator: Operation - Blue, Stand by/ sleep -blue(blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

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.

TCO '03 compliance
A TCO (Swedish Confederation of Professional Employees) standard even more stringent than MPR-II for safety and ergonomics, especially concerning alternating electric fields (AEF).

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.

SmartImage
SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

SmartContrast
SmartContrast is 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 optimum contrast for more entertainment fun when viewing videos or playing games where dark hues are displayed; when you select the Economy mode, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

Eco-friendly design
Green design is based on environmentally conscious engineering of a display device to minimize power consumption, reduce packing materials and eliminate environmentally sensitive materials.

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

Screen tilt and swivel
Screen tilt and swivel is a mechanism built into the base permits the monitor to swivel and tilt backward or forward.

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.

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