



Philips
LCD monitor

19"
SXGA

190S8FB

Big screen, rich performance

Enhanced performance and convenience on a budget: With optimised display for all your most used business applications, the 190S8 features SmartManage LAN-based asset management and green design for an attractive total cost of ownership.

Maximum comfort for maximum productivity

- Screen tilts to your ideal, individualised viewing angle

Outstanding front of screen performance

- 5 ms fast response time
- SmartContrast: For incredible rich black details
- SmartImage: Optimised user-friendly display experience

Great convenience

- Dual input accepts both analogue VGA and digital DVI signals
- Hassle-free display performance tuning with SmartControl II
- Cable management for a tidy work space

Best total cost of ownership solution

- SmartManage compatibility enables LAN-based asset management
- PerfecTune ensures top-quality LCD display delivered to you
- TCO'03 guarantees the highest safety and ergonomic standards
- Empowered for Windows Vista

PHILIPS

Highlights

SmartManage enabled

SmartManage is a system for monitoring, managing and checking the status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

PerfectTune

PerfectTune 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 colour accuracy and display quality in every new monitor.

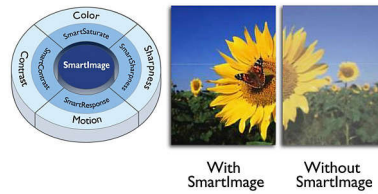
Windows Vista-ready

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.

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).

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!

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.

5 ms on/off response time

On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: lower response time means faster

transitions and, therefore, results in fewer visible image artefacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

Adjustable tilt

Adjustable tilt is backward and forward movement of a screen on its base to achieve custom positioning for an ideal viewing angle and more comfort for people who spend long hours working on the computer.

Dual input

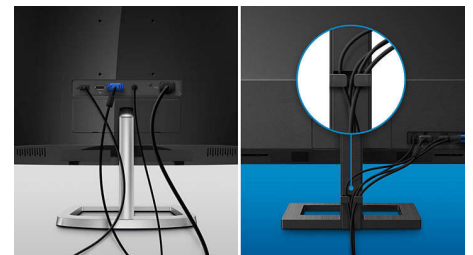


Dual input provides connectors to accommodate input of both analogue VGA and digital DVI signals.

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.

Cable management



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



Specifications

Connectivity

- Signal Input: VGA (Analogue), DVI-D
- Sync Input: Composite Sync, Separate Sync, Sync on Green
- Sync input impedance: 2.2k ohm
- Video input impedance: 75 ohm
- Video input signal levels: 0.7 Vpp

Picture/Display

- Panel Size: 19"/48 cm
- LCD panel type: 1280 x 1024 pixels, Anti-glare polariser, RGB vertical stripe
- Pixel pitch: 0.294 x 0.294 mm
- Optimum resolution: 1280 x 1024 @ 60 Hz
- Brightness: 300 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 800:1
- SmartContrast ratio (dynamic): 3000:1
- Response time (typical): 5 ms
- Viewing angle: 176° (H)/170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 75 Hz
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Effective viewing area: 376.3 x 301.1 mm
- sRGB
- Video Dot Rate: 140 MHz
- White Chromaticity, 6500K: x = 0.313/y = 0.329
- White Chromaticity, 9300K: x = 0.283/y = 0.297

Convenience

- Plug and Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- User convenience: On-screen Display, SmartManage enabled, SmartControl II
- Monitor Controls: SmartImage, Input, Auto (Back), Power On/Off, Brightness Control (Up/Down), Menu (OK)
- Regulatory approvals: CE Mark, EMC, FCC-B, UL, CSA, Energy Star, SEMKO, TÜV/GS, TÜV Ergo, TCO '03
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible, FlexiHolder

- Tilt: -5° to 20°
- VESA Mount: 100 x 100 mm

Power

- Power supply: Built-in, 100-240 VAC, 50/60 Hz
- Consumption (On mode): < 36 W (Typical)
- Power LED indicator: Operation - green, Standby/sleep - Amber
- Complies with: Energy Star
- Consumption (Off Mode): < 1 W
- Consumption (economy mode): 28 W

Dimensions

- Box depth: 159 mm
- Set width (with stand): 424 mm
- Box height: 451 mm
- Set width (with stand) (inch): 16.7 inch
- Box width: 490 mm
- Set height (with stand): 417.5 mm
- Set height (with stand) (inch): 16.4 inch
- Set Width: 424 mm
- Set depth (with stand): 210.8 mm
- Set Height: 361 mm
- Set Depth: 65.1 mm
- Set depth (with stand) (inch): 8.3 inch
- Set Width (inch): 16.7 inch
- Temperature range (operation): 0°C to 40°C
- Set Height (inch): 14.2 inch
- Temperature range (storage): -20°C to 60°C
- Set Depth (inch): 2.6 inch
- Box depth (inch): 6.3 inch
- Box height (inch): 17.8 inch
- Box width (inch): 19.3 inch
- Product weight (+stand): 4.8 kg
- Product weight (+stand) (lb): 10.6 lb
- Weight incl. Packaging: 6.1 kg
- Weight incl. Packaging (lb): 13.4
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs

Accessories

- Included accessories: AC Power Cord, VGA cable
- User Manual
- Optional accessories: Super Ergo Base



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