



Philips  
LCD monitor

48 cm (19")  
SXGA

190S6FB

## big screen performance within your budget

The compact 190S6 pumps up productivity with big screen performance and great convenience while business-friendly features like SmartManage deliver the best total cost of ownership and lead-free design safeguards our environment.

### Lower total cost of ownership

- Power consumption below the industry average
- Environmentally responsible Energy Star partner
- SmartManage compatibility enables LAN-based asset management
- TCO guarantees the highest safety and ergonomics standards
- Kensington anti-theft lock-ready for added security

### Outstanding front of screen performance

- Fast 8ms On/off response time: Great text & graphics display
- SXGA 1280 x 1024 resolution for sharper display
- sRGB ensures color matching between display and printouts

### Great convenience

- Auto adjustment for perfect picture display with one touch
- Easy, user friendly plug-and-play installation
- Embedded power supply eliminates external power adaptors

# PHILIPS

# Highlights

## SmartManage enabled

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

## Lower power consumption

Reduction of the electrical power required to operate a device.

## TCO '99 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).

## Energy Star partner

A manufacturer in compliance with power conservation requirements set forth by the Environmental Protection Agency of the U.S. government.

## Kensington lock compatible

Small apertures built into the display's frame for use with a locking device that secures a display to a fixed object for added protection against theft.

## 8ms response time (On/Off)

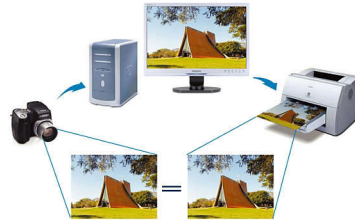
On-Off response time is the period required for a liquid crystal cell to go from active (black) to

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 artifacts in the display of transition of text and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

## SXGA, 1280 x 1024 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.

## sRGB ready



sRGB is an industry standard that ensures the best possible match between the colors displayed on your screen and those in your printouts.

## Embedded power supply

An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

## Easy plug-and-play

Plug-and-play is a peripheral connectivity standard. A plug and play display device can be connected to a PC and operate without requiring user intervention to adjust complicated settings.

## One-touch auto adjustment

The auto adjustment key restores optimal screen position, phase and clock settings with the press of a single button - without navigation through OSD menus and control keys.



# Specifications

## Connectivity

- Signal Input: VGA (Analog)
- Sync Input: Composite Sync, Separate Sync, Sync on Green

## Picture/Display

- Panel Size: 19"/ 48 cm
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Pixel pitch: 0.294 x 0.294 mm
- Optimum resolution: 1280 x 1024 @ 60 Hz
- Brightness (nits): 250 nit
- Display colors: 16.2 M
- Contrast ratio (typical): 500:1
- Response time (typical): 8 ms
- Viewing angle: @ C/R &gt; 5
- Viewing angle (horizontal): 160 degree
- Viewing angle (vertical): 160 degree
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Effective viewing area: 376.3 x 301.1 mm
- Factory Preset Modes: 15 modes
- sRGB
- User definable modes: 50 modes
- 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 & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP
- User convenience: On-screen Display, SmartManage enabled

- Monitor Controls: Auto, Brightness Control, Left/Right, Menu (OK), Power On/Off, Up/Down
- Regulatory approvals: CE Mark, E2000, EMC, FCC-B, UL, CSA, Energy Star, SEMKO, TCO '99, TÜV/GS, TÜV Ergo
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

## Power

- Power supply: Built-in, 90-264 VAC, 50/60 Hz
- Consumption (On mode): 34W (Typical)
- Power LED indicator: Operation - green, Stand by/sleep - Amber
- Complies with: E2000, Energy Star, NUTEK
- Consumption (Off Mode): < 1 W

## Dimensions

- Weight: 5.4 kg
- Temperature range (operation): 5°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Depth (with base): 235 mm
- Height (with base): 418 mm
- Width (with base): 425 mm

## Accessories

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



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