



Philips  
LCD monitor

48 cm (19")  
SXGA

190S5FB

## when screen size matters

Big screen, great features: With its large screen and great performance plus SmartManage for remote, LAN-based monitor management and low power consumption, the Philips 190S5 delivers convenience and an outstanding return on investment.

### **Lower total cost of ownership**

- Power consumption below the industry average
- SmartManage compatibility enables LAN-based asset management
- Kensington anti-theft lock-ready for added security

### **Outstanding front of screen performance**

- Fast response time for great display of moving images
- SXGA 1280 x 1024 resolution for sharper display
- sRGB ensures color matching between display and printouts

### **Great convenience**

- Embedded power supply eliminates external power adaptors
- VESA mounting pattern for easy wall mounting of display

**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.

## 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.

## Fast response time



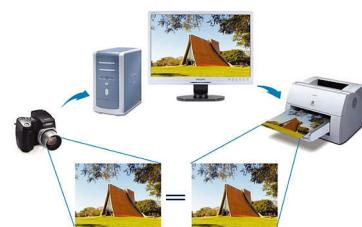
Response time measures signal reaction speed in milliseconds. On/off response time

measures the time required for the screen to turn from completely white to completely black and vice versa. Fast on/off response time improves display of text. Gray-to-grey response time measures the average time of transition between several sets of random gray levels - Lower numbers mean faster transitions. Faster is better because a fast response time eliminates visible image artifacts that could dampen your experience when viewing fast moving images or objects.

## 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.

## VESA mounting holes

A unified industry standard for wall mounting IT equipment set by the Video Electronics Standards Association.

# Specifications

## Connectivity

- Signal Input: VGA (Analog)

## 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: 250 cd/m<sup>2</sup>
- Display colors: 16 M
- Contrast ratio (typical): 500:1
- Response time (typical): 12 ms
- Viewing angle: @ C/R > 5
- Viewing angle (horizontal): 160 degree
- Viewing angle (vertical): 160 degree
- Horizontal Scanning Frequency: 30 - 82 kHz
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Effective viewing area: 376.3 x 301.1 mm
- Factory Preset Modes: 15 modes
- Refresh Rate (V): 56 - 76 Hz
- sRGB
- User definable modes: 14 modes
- 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
- Monitor Controls: Auto, Brightness Control, Left/Right, Menu (OK), Power On/Off, Up/Down

## Regulatory approvals

- Regulatory approvals: CE Mark, E2000, EMC, NUTEK, Energy Star, SEMKO, TCO '99, TÜV/GS, TÜV Ergo, FCC-B, UL, CSA
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock
- Tilt: 5° to 25°
- VESA Mount: 100 x 100 mm

## Power

- Power supply: Built-in
- 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: 5.8 kg
- Temperature range (operation): 5°C to 35°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): 419 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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