

## when screen size matters

Big screen productivity : With outstanding ergonomics and great front-of-screen performance plus SmartManage for remote, LAN-based monitor management and low power consumption, the Philips 190S5 delivers an outstanding return on investment.

### Lower total cost of ownership

- SmartManage manages display devices remotely
- Lower power consumption than industry average
- Kensington anti-theft lock secures monitor against theft

### Outstanding front of screen performance

- Fast response time capable of handling fast moving pictures
- SXGA 1280 x 1024 resolution for sharper display
- sRGB ensures color matching between display and printouts

### Maximum comfort for maximum productivity

- Screen height adjustable for ideal viewing angle
- Screen tilt and swivel adjustment for ideal viewing angle
- Cable management for a tidy work space

### Great convenience

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



# PHILIPS

# 19 inch LCD Monitor

## Commercial Specifications

### Picture/ Display

• LCD Panel Type	1280 x 1024 pixels, Anti-glare Polarizer, RGB Vertical Stripe
• Panel Size	19" / 48 cm
• Effective Viewing Area	376.3 x 301.1 mm
• Pixel Pitch	0.294 x 0.294 mm
• Brightness (nits)	250
• Contrast Ratio	500:1
• Display Colors	16 M
• Viewing Angle (C/R > 5)	- Horizontal : 160° - Vertical : 160°
• Response Time	16 ms
• White Chromaticity, 6500° K	x = 0.313 / y = 0.329
• White Chromaticity, 9300° K	x = 0.283 / y = 0.297
• Maximum Resolution	1280 x 1024 @ 75Hz
• Recommended Resolution	1280 x 1024 @ 60Hz
• Factory Preset Modes	15 modes
• User Definable Modes	14 modes
• Horizontal Scanning Frequency	30 - 82 KHz
• Refresh Rate (V)	56 - 76 Hz
• sRGB	Yes

### Connectivity

• Signal Input	Analog (VGA)
----------------	--------------

### Convenience

• Convenience Enhancements	On-screen Display, SmartManage
• Monitor Controls	Auto, Brightness control, Left/Right, Menu (OK), Power On/Off, Up/Down,
• OSD Languages	English, French, German, Italian, Simplified Chinese, Spanish
• Other Convenience Features	Kensington Lock
• Plug & Play Compatibility	DDC/CI, Windows 98/ME/2000/XP
• Regulatory Approvals	CE Mark, E2000, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO '03, TCO '99, TUV/GS, TUV Ergo
• Swivel	+/- 175°
• Tilt	-5° to 30°
• VESA Mount	100 mm x 100 mm

### Accessories

• User Manual	Yes
• Included Accessories	AC Power Cord, VGA Cable

### Dimensions

• Depth (with base)	235 mm
• Height (with base)	419 mm
• Width (with base)	425 mm
• MTBF	50,000 hrs (excl. CCFL 40,000) hrs
• Relative Humidity	20 % - 80 %
• Temperature Range (Operation)	5°C to 35°C
• Temperature Range (Storage)	-20°C to 60°C
• Weight	7.16 kg

### Power

• Complies With	E2000, Energy Star, NUTEK
• Consumption	34 W (Typical)
• Off Mode	1 W
• Power LED Indicator	Operation, Green; Stand by/Sleep, Amber
• Power Supply	Built-in

## Product Highlights

### SmartManage

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 anti-theft lock

A security device that fixes the monitor in place to prevent theft.

### Fast response time

The amount of time it takes for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Lower numbers mean faster transitions and therefore result in fewer visible image artifacts.

### 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

Calibrated RGB that is optimized for the vast majority of computer peripherals, monitors, operating systems and browsers, allowing accurate color mapping with very little data overhead.

### Adjustable height

The ability to set your monitor to the most pleasurable viewing height. Height adjustment makes computer work more comfortable and reduces fatigue or eyestrain, even when you spend long hours working on the computer. It makes you more productive.

### Screen tilt and swivel

Movement of a screen to attain the ideal viewing angle.

### Cable management

A system for organizing cables and wires required for the operation of a display device to have a tidy work space.

### Embedded power supply

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 mounting IT equipment set by the Video Electronics Standards Association.



design award  
winner  
2004



Trademarks owned by Royal Philips Electronics  
2004 © Royal Philips Electronics - All rights reserved  
As an Energy Star partner, Philips has determined that this product meets the Energy Star guidelines for energy efficiency.  
Microsoft and Windows are registered trademarks of Microsoft Corporation.  
All data subject to change without notice  
Release date: June 2004  
www.philips.com