

Philips LCD monitor

48 cm (19")

190S5CG

# 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.

## Maximum comfort for maximum productivity

- · Tilt and swivel adjustment for an ideal viewing angle
- Adjustable screen height for the ideal viewing angle
- Cable management reduces cable clutter for neat workspace

## 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



# 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.

#### Adjustable height

Adjustable height is the ability of a monitor to travel up or down on its base and lock into position when the desired height is reached, delivering a comfortable, individualized viewing angle that is just right for the user's height,

weight, body-type and posture, alleviating possible eyestrain or fatigue that can come from long hours working on a computer.

#### 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.

### Cable management



Cable management is an intimate design that maintains tidy workspace by organizing cables and wires required for the operation of a display device.

#### **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, Windows 98/ ME/2000/XP, sRGB
- User convenience: On-screen Display, SmartManage
- Monitor Controls: Auto, Brightness Control, Left/ Right, Menu (OK), Power On/Off, Up/Down

- Regulatory approvals: CE Mark, E2000, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO '03, TCO '99, TÜV/GS, TÜV Ergo, EMC
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock
- Swivel: +/- 175° Tilt: 5° to 30°
- 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: 7.16 kg
- $\bullet$  Temperature range (operation):  $5^{\circ}\text{C}$  to  $35^{\circ}\text{C}$
- Temperature range (storage): -20°C to 60°C
- Relative humidity: 20% 80%
- MTBF: 50,000 hrs
- Depth (with base): 235 mm
- Height (with base): 397 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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