



Philips
LCD monitor

48 cm (19")
SXGA

190S7FB

Big screen performance within your budget

The compact 190S7 pumps up productivity with big screen performance, VGA or DVI signal input option, and great convenience while business-friendly features like SmartManage deliver the best total cost of ownership.

Outstanding front of screen performance

- Fast 8ms On/off response time: Great text & graphics display
- SXGA 1280 x 1024 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals
- sRGB ensures color matching between display and printouts

Best total cost of ownership solution

- Power consumption below the industry average
- Environmentally responsible Energy Star partner
- SmartManage compatibility enables LAN-based asset management
- TCO'03 guarantees the highest safety and ergonomic standards
- Empowered for Windows Vista

Great convenience

- Easy to adjust display settings with Philips SmartControl
- Auto adjustment for perfect picture display with one touch

PHILIPS

Highlights

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 organizing information for work or play quick, efficient and easy.

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 '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).

Energy Star partner

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

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.

Dual input



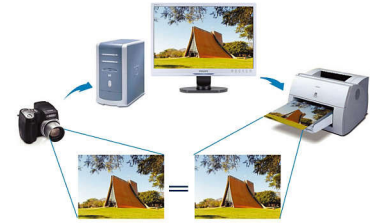
VGA connector



DVI connector

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

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.

SmartControl

PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way.

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), 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 polarizer, RGB vertical stripe
- Pixel pitch: 0.294 x 0.294 mm
- Optimum resolution: 1280 x 1024 @ 60 Hz (digital input)
- Brightness: 300 cd/m²
- Display colors: 16.2 M
- Contrast ratio (typical): 700:1
- Response time (typical): 8 ms
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Maximum Resolution: 1280 x 1024 @ 75 Hz (digital input)
- Effective viewing area: 14.8 x 11.9 inch
- 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 & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- 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, EMC, FCC-B, UL, CSA, Energy Star, SEMKO, TÜV/GS, TÜV Ergo, TCO '03
- OSD Languages: English, French, Portuguese, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible

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

Power

- Power supply: Built-in, 100-240VAC, 50/60Hz
- Consumption (On mode): 34 W (Typical)
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Complies with: Energy Star
- Consumption (Off Mode): < 1 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): 418 mm
- Set height (with stand) (inch): 16.5 inch
- Set Width: 424 mm
- Set depth (with stand): 211 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): 5°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): 4.3 kg
- Product weight (+stand) (lb): 9.5 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, DVI cable
- User Manual
- Optional accessories: Super Ergo Base



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