



Philips
LCD monitor

19"
SXGA

I90S5FB



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 I90S5 delivers convenience and an outstanding return on investment.

Lower total cost of ownership

- SmartManage compatibility enables LAN-based asset management
- Power consumption below the industry average
- 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
sense and simplicity

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:** 250 cd/m²
- **Contrast ratio (typical):** 500:1
- **Display colors:** 16 M
- **Viewing angle: @ C/R > 5**
- **Viewing angle (H / V):** 160 / 160 degree
- **Response time (typical):** 12 ms
- **White Chromaticity, 6500K:** x = 0.313 / y = 0.329
- **White Chromaticity, 9300K:** x = 0.283 / y = 0.297
- **Maximum Resolution:** 1280 x 1024 @ 75 Hz
- **Optimum Resolution:** 1280 x 1024 @ 60 Hz
- **Factory Preset Modes:** 15 modes
- **User definable modes:** 14 modes
- **Horizontal Scanning Frequency:** 30 - 82 kHz
- **Refresh Rate (V):** 56 - 76 Hz
- sRGB

Connectivity

- **Signal Input:** VGA (Analog)

Convenience

- **User convenience:** 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:** Kensington lock
- **Plug & Play Compatibility:** DDC CI, sRGB, Windows 98/ME/2000/XP
- **Regulatory Approvals:** CE Mark, E2000, EMC, NUTEK, Energy Star, SEMKO, TCO '99, TÜV/GS, TÜV Ergo, FCC-B, UL, CSA
- **Tilt:** 5° to 25°
- **VESA Mount:** 100 x 100 mm

Accessories

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

Dimensions

- **Dimensions (with base) (W x H x D):** 425 x 419 x 235 mm
- **MTBF:** 50,000 hrs
- **Relative humidity:** 20% - 80%
- **Temperature range (operation):** 5°C to 35°C
- **Temperature range (storage):** -20°C to 60°C
- **Weight:** 5.8 kg

Power

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

Product 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-gray 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.

