



Philips
LCD monitor

48 cm (19")
SXGA

190V5FB

when screen size matters

The big screen edge: With its large display area, great front-of-screen performance, fast response time and low power consumption, the Philips 190V5 delivers productivity, convenience and an outstanding return on investment.

Lower total cost of ownership

- Power consumption below the industry average
- Kensington anti-theft lock-ready for added security

Outstanding front of screen performance

- 12ms On/off response time: Superior text and graphics display
- 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

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.

12ms 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.

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

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: 240 cd/m²
- Contrast ratio (typical): 500:1
- Display colors: 16.2 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
- Vertical Scanning Frequency: 56 - 76 Hz
- sRGB

Connectivity

- Signal Input: VGA (Analog)
- Sync Input: Composite Sync, Separate Sync, Sync on Green

Convenience

- User convenience: On-screen Display
- 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 compatible
- Plug & Play Compatibility: DDC CI, sRGB, Windows 98/ME/2000/XP
- Regulatory approvals: CE Mark, E2000, 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

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

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, 90-264 VAC, 50/60 Hz



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