



Philips
LCD monitor

19"
SXGA

190V8FB



Great value for your money

With Philips SmartImage and PerfectTune plus a detachable base to save space and Green design, the Vista-empowered 190V8 delivers the best-ever display quality and the performance you need to get the job done at an affordable price.

Best total cost of ownership solution

- SmartManage compatibility enables LAN-based asset management
- PerfectTune ensures top quality LCD display delivered to you
- Empowered for Windows Vista

Outstanding front of screen performance

- SmartImage: For an optimized display experience
- SmartContrast: Dynamic, optimized contrast for visual clarity
- Fast response time for great display of moving images

Maximum comfort for maximum productivity

- Screen tilts to your ideal, individualized viewing angle

Great convenience

- Hassle-free display performance tuning with SmartControl II
- Cable management for a tidy work space
- Adjust display settings with hot key or on-screen controls

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:** 300 cd/m²
- **Contrast ratio (typical):** 800:1
- **SmartContrast ratio (dynamic):** 3000:1
- **Display colors:** 16.7 M
- **Viewing angle:** 176° (H) / 170° (V), @ C/R > 5
- **Response time (typical):** 5 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
- **Recommended Resolution:** 1280 x 1024 @ 60 Hz
- **Video Dot Rate:** 140 MHz
- **Horizontal Scanning Frequency:** 30 - 83 kHz
- **Vertical Scanning Frequency:** 56 - 75 Hz
- **Picture enhancement:** SmartImage
- sRGB

Connectivity

- **Signal Input:** Analog (VGA)
- **Video Sync Input Signal:** Composite Sync, Separate Sync, Sync on Green
- **Video input impedance:** 75 ohm
- **Sync input impedance:** 2.2k ohm
- **Video input signal levels:** 0.7 Vpp

Convenience

- **Convenience Enhancements:** On-screen Display, SmartControl II, SmartManage enabled
- **Monitor Controls:** SmartImage, Input, Auto (Back), Power On/Off, Brightness Control (Up/Down), Menu (OK)
- **OSD Languages:** English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- **Other convenience:** Kensington lock compatible, FlexiHolder
- **Plug & Play Compatibility:** DDC/CI, sRGB,

Windows 98/ME/2000/XP/Vista

- **Regulatory Approvals:** CE Mark, EMC, FCC-B, UL, CSA, Energy Star, SEMKO, TÜV/GS, TÜV Ergo
- **Tilt:** -5° to 20°
- **VESA Mount:** 100 x 100 mm

Accessories

- **Included Accessories:** AC Power Cord, VGA cable
- User Manual

Dimensions

- **Box dimensions (W x H x D):** 492 x 456 x 175 mm
- **Box dimensions in inch (W x H x D):** 19.4 x 18 x 6.9 inch
- **Set dimensions (W x H x D):** 424 x 361 x 65.1 mm
- **Set dimensions in inch (W x H x D):** 16.7 x 14.2 x 2.6 inch
- **Set dimensions with stand (W x H x D):** 424 x 417.5 x 210.8 mm
- **Set dimensions with stand in inch (W x H x D):** 16.7 x 16.4 x 8.3 inch
- **MTBF:** 50,000 hrs
- **Relative humidity:** 20% - 80%
- **Temperature range (operation):** 0°C to 40°C
- **Temperature range (storage):** -20°C to 60°C
- **Product weight (+stand):** 4.16 kg
- **Product weight (+stand) (lb):** 9.2 lb
- **Weight incl. Packaging:** 5.36 kg
- **Weight incl. Packaging (lb):** 11.8

Power

- **Complies with:** Energy Star
- **Consumption:** < 36 W (Typical)
- **Consumption (economy mode):** 28 W
- **Off Mode:** < 1 W
- **Power LED indicator:** Operation - green, Stand by/sleep - Amber
- **Power supply:** Built-in, 100-240VAC, 50/60Hz

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.

PerfectTune

PerfectTune is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color accuracy and display quality in every new monitor.

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.

SmartImage

SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

SmartContrast

SmartContrast is Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and optimum contrast for more entertainment fun when viewing videos or playing games where dark hues are displayed; when you select the Economy mode, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

SmartControl II

SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, color calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

Cable management

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

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.

User friendly hot key and OSD

The user friendly hot key and on-screen display controls are dual systems for conveniently fine-tuning display settings to meet a variety of needs. Press the hot key on your monitor's frame for automatic picture, quick contrast and brightness control or use the on-screen display feature to fine-tune your display settings.



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