Philips Brilliance
LCD monitor

48 cm (19")
SXGA

Brilliance

190P7EG

Super display designed for demanding professionals

Perfect for Finance and Business users, with a full range of productivity-enhancing features, SmartManage remote management and an ergonomic and lead-free design, the 190P7 delivers superb display with the lowest total cost of ownership.

Outstanding front of screen performance
- Widest viewing angle up to 178 degrees
- Fast 8 ms GtG response time: great moving image display
- SXGA 1280 x 1024 resolution for sharper display

Best total cost of ownership solution
- Empowered for Windows Vista
- SmartManage compatibility enables LAN-based asset management

Maximum comfort for maximum productivity
- 90-degree screen rotation and smart cable management
- Tilt and swivel adjustment for the ideal viewing angle
- Brightness automatically adjusts to ambient light

Great convenience
- Easy to adjust display settings with Philips SmartControl
- Dual DVI for better support of multiple PC source input
- Built-in high-speed USB 2.0 solution for easy connections

PHILIPS

Highlights

Widest viewing angle (178°)

The widest viewing angle up to 178 degree provides the clearest display from any angle.

8 ms response time (GtG)

GtG response time is the average time that it takes for a pixel to go from one arbitrary position to another, which is the average time of transition between several sets of random colour levels. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artefacts in the display of fast-moving images. GtG response time is an important way to measure display quality of multimedia content like movies, videos and games; On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

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

SmartManage enabled

SmartManage is a system for monitoring, managing and checking the status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

Super Ergo Base

The Super Ergo base is a monitor base that delivers ergonomic display comfort and provides intelligent cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long working day; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.

SmartBright

SmartBright is an exclusive Philips feature that employs a built-in sensor to automatically adjust display settings, delivering the very best viewing experience, reduced energy consumption and prolonged monitor life while eliminating bright-screen-dark-room and dark-screen-bright-room eye strain fatigue - all without the bother of manually adjusting display brightness as room lighting conditions change.

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.

Dual DVI input

The ability to switch between input from multiple PC sources on a single display rather than employing a separate monitor for each PC. Dual DVI input is especially useful with professional applications. A hot-key switches display between available computer inputs without the need to change cables.

USB connectivity solution

The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Because it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. By placing a USB 2.0 solution in a monitor, Philips provides a conveniently located, easy-to-use, high-speed USB connection for reading, writing, loading and transferring programs, data, digital media or music files to, from or among your PC and one or more USB devices.

Specifications

Picture/Display
- LCD panel type: 1280 x 1024 pixels, Anti-glare polariser, 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): 1300:1
- Display colours: 16.7 M
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Response time (typical): 8 (Grey to Grey) 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 (digital input)
- Optimum resolution: 1280 x 1024 @ 60 Hz (digital input)
- Video Dot Rate: 140 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- sRGB

Connectivity
- Signal Input: 2 x DVI-I
- USB: USB 2.0 x 2
- Sync Input: 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
- User convenience: On-screen Display, SmartBright, SmartManage enabled
- Monitor Controls: Auto, Brightness Control (Up/Down), Left/Right, Menu (OK), Input, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible
- Plug and Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory approvals: CE Mark, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
- Swivel: +/- 45°
- Tilt: -5° to 25°
- Pivot: 90° (anti-clockwise)
- VESA Mount: 100 x 100 mm

Accessories
- Included accessories: AC Power Cord, DVI-D cable, USB cable, VGA cable
- User Manual

Dimensions
- Box dimensions (W x H x D): 510 x 511 x 248 mm
- Box dimensions in inch (W x H x D): 20.1 x 20.1 x 9.8 inch
- Set dimensions (W x H x D): 429.6 x 347 x 66.6 mm
- Set dimensions in inch (W x H x D): 16.8 x 13.7 x 2.6 inch
- Set dimensions with stand (W x H x D): 429.6 x 414 x 215.3 mm
- Set dimensions with stand in inch (W x H x D): 16.8 x 16.3 x 8.5 inch
- Height adjustment range: 130 mm
- Height adjustment range (inch): 5.1 inch
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 8.2 kg
- Product weight (+stand) (lb): 18.1 lb
- Weight incl. Packaging: 10.0 kg
- Weight incl. Packaging (lb): 23.1

Power
- Complies with: Energy Star
- Consumption (On mode): 40 W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - green, Standby/sleep - Amber
- Power supply: Built-in, 100-240 VAC, 50/60 Hz