



Philips Brilliance  
LCD monitor

51 cm (20")  
UXGA

200P7EB

## The smart way to boost productivity

Productivity pays! Professionals look to the big screen 200P7 with SmartImage technology for superb performance, input flexibility, ergonomic and lead-free design while remote asset management delivers the best total cost of ownership.

### Maximum comfort for maximum productivity

- 90 degree screen rotation and smart cable management

### Outstanding front of screen performance

- 16ms On/off response time: Better text and graphics display
- SmartImage: Optimized user-friendly display experience
- UXGA, 1600x1200 resolution for sharper display
- Three signal input options for maximum display flexibility
- Widest viewing angle up to 178 degrees

### Best total cost of ownership solution

- SmartManage compatibility enables LAN-based asset management
- Empowered for Windows Vista

### Great convenience

- Easy to adjust display settings with Philips SmartControl
- Built-in high-speed USB 2.0 solution for easy connections
- Easy plug-and-play DVI for a true digital experience

# PHILIPS

# Highlights

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

## UXGA, 1600 x 1200 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1600-by-1200 pixel screen is capable of displaying 1600 distinct dots on each of 1200 lines, or about 2 million pixels. This ensures a better display performance and accurate color display effect.

## Widest viewing angle (178°)

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

## Triple input

Triple input is a means for displaying digital and analog signals. A triple input monitor provides

one D-Sub (VGA) and one DVI-I interface connector. The DVI-I interface connector accepts either a digital or an analog signal input via optional adapter for maximum display flexibility and 'insurance' from your monitor obsolete.

## 16ms 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.

## 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 workday; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.

## 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.

## 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.

## 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.

## In-box DVI cable

A DVI cable is shipped with the product to provide high quality digital display.



# Specifications

## Connectivity

- Signal Input: VGA (Analog ), DVI-I, DVI-D
- USB: USB 2.0 x 4
- 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: 20.1"/ 51 cm
- LCD panel type: 1600 x 1200 pixels, Anti-glare polarizer, RGB vertical stripe
- Pixel pitch: 0.255 x 0.255 mm
- Optimum resolution: 1600 x 1200 @ 60Hz (digital input)
- Brightness: 300 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 800:1
- Response time (typical): 16 (on/off) ms; 8 (grey to grey) ms
- Viewing angle: 178° (H) / 178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage
- Horizontal Scanning Frequency: 30 - 98 kHz
- Vertical Scanning Frequency: 56 - 85 Hz
- Maximum Resolution: 1600 x 1200 @ 60Hz (digital input)
- Effective viewing area: 408 x 306 mm
- sRGB
- Video Dot Rate: 202.5 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
- Pivot: 90° (counter-clockwise)
- Monitor Controls: Auto, Brightness Control (Up/Down), Left/Right, Menu (OK), Power On/Off, SmartImage
- Regulatory approvals: CE Mark, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
- OSD Languages: English, French, German, Italian, Russian, Spanish

- Other convenience: Kensington lock compatible
- Swivel: +/- 45°
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

## Power

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

## Dimensions

- Box depth: 277 mm
- Set width (with stand): 461 mm
- Box height: 520 mm
- Set width (with stand) (inch): 18.1 inch
- Box width: 551 mm
- Set height (with stand): 421 mm
- Set height (with stand) (inch): 16.6 inch
- Set Width: 461 mm
- Height adjustment range: 130 mm
- Set depth (with stand): 215.3 mm
- Set Height: 378.8 mm
- Set Depth: 74.7 mm
- Set depth (with stand) (inch): 8.5 inch
- Set Width (inch): 18.1 inch
- Temperature range (operation): 5°C to 35°C
- Set Height (inch): 14.9 inch
- Temperature range (storage): -20°C to 60°C
- Set Depth (inch): 2.9 inch
- Box depth (inch): 10.9 inch
- Box height (inch): 20.5 inch
- Box width (inch): 21.7 inch
- Product weight (+stand): 8.9 kg
- Product weight (+stand) (lb): 19.6 lb
- Weight incl. Packaging: 10 kg
- Weight incl. Packaging (lb): 22 lb
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Height adjustment range (inch): 5.1 inch

## Accessories

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

