

Philips Brilliance  
LCD monitor

22" w P-line

225PL1ES



# World's first PowerSensor display cuts power bills

The Green Philips 225P1 monitor with revolutionary PowerSensor technology detects user presence and adjusts power consumption accordingly, reducing your power consumption by up to 70%.

## **Sustainable Eco-friendly solution**

- PowerSensor: Ensures lower operating costs by saving energy
- High energy efficiency helps reduce energy bills
- Eco-friendly materials that meet international standards
- EPEAT Silver ensures lower impact on environment

## **Outstanding display performance**

- SmartImage: Optimized user-friendly display experience
- TrueVision: Laboratory quality display performance

## **Ergonomic design**

- 130mm height adjustment for ideal sitting position
- 90 degree screen rotation and smart cable management
- Tilt and swivel adjustment for an ideal viewing angle

## **Great convenience**

- USB port to enhance multimedia experience
- Built in stereo audio for multimedia experience

# PHILIPS

# Highlights

## PowerSensor

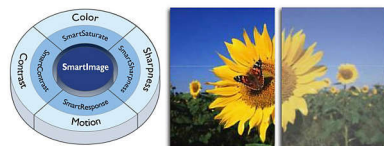


PowerSensor On

PowerSensor Off

PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 50 percent and prolonging monitor life.

## SmartImage



With SmartImage

Without 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!

## Built-in stereo audio

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or

invisible down firing, top firing, rear firing, etc depending on model and design.

## USB port for multimedia



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. A port located on a monitor directly in the user's line of sight provides easy, high-speed connectivity for USB devices at a convenient location. (USB 2.0 support is dependent on your PC's USB configuration; when connected to a PC that supports USB 2.0, your monitor is USB 2.0 compatible)

## 130mm height adjustment

The Super Ergo Base is a 'people friendly' Philips monitor base that not only tilts and swivels, but is also height adjustable and pivots to 90 degree, so that each user can adjust the monitor to their personal preference for maximum viewing comfort and efficiency.

## ScreenRotate

ScreenRotate makes it possible to use a monitor in either the landscape and portrait mode; to change orientation for a better view of a selected document or image, the monitor is rotated to the desired orientation.

## High energy efficiency

Philips has taken a lead in ensuring that all its products switch to energy efficient solutions. By using efficient power supplies and reduction

in components, Philips has ensured that your monitor typically consumes about 50% less power than its equivalent previous generation model. Energy saving is further enhanced by using only 0.5 watts in sleep mode. Lower power consumption results in fewer CO2 emissions. You can read more about Philips and energy efficiency @ [www.philips.com/about/sustainability/oursustainabilityfocus/energyefficiency/index.page](http://www.philips.com/about/sustainability/oursustainabilityfocus/energyefficiency/index.page)

## Eco-friendly materials

"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely. Visit Philips @ <http://www.asimpleswitch.com/global/> to learn more.

## EPEAT Silver

Philips EPEAT Silver certified monitors ensure protection for human health and environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. EPEAT program helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by US EPA. EPEAT Silver is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.

## Screen tilt and swivel

Screen tilt and swivel is a mechanism built into the base permits the monitor to swivel and tilt backward or forward.



# Specifications

## Picture/Display

- Panel Size: 22 inch / 55.9 cm
- Aspect ratio: 16:10
- LCD panel type: TFT-LCD
- Pixel pitch: 0.282 x 0.282 mm
- Optimum resolution: 1680 x 1050 @ 60Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 25000:1
- Response time (typical): 5 ms
- Viewing angle: 176° (H) / 170° (V), @ C/R &gt; 5
- Picture enhancement: SmartImage
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- sRGB

## Connectivity

- Signal Input: VGA (Analog), DVI-D (digital, HDCP)
- USB: USB 2.0 x 1
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Stereo Audio

## Convenience

- Plug & Play Compatibility: DDC/CI, Windows 98/2000/XP/Vista, Mac OS X, sRGB
- Built-in Audio: 1.5 W x 2
- User convenience: Sensor, SmartImage, Brightness, Menu, Audio, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese
- Other convenience: VESA mount (100x100mm), Kensington lock

## Stand

- Height adjustment: 130 mm
- Pivot: 90
- Swivel: -65/+65 degree
- Tilt: -5/20 degree

## Power

- ECO mode: <math>\leq 1.5\text{W}</math>
- Power supply: Built-in, 100-240VAC, 50/60Hz
- Off mode: <math>\leq 0.5\text{W}</math>
- On mode: <math>\leq 20\text{W}</math> (EnergyStar 5.0 test method)
- Standby mode: <math>\leq 0.5\text{W}</math>
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Product with stand (mm): 589 x 502 x 220 mm
- Packaging in mm (WxHxD): 410 x 658 x 272 mm
- Product without stand (mm): 346 x 502 x 58 mm

## Weight

- Product with packaging (kg): 7.58 kg
- Product with stand (kg): 6.47 kg
- Product without stand (kg): 4.15 kg

## Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC, Class B, GOST, SEMKO, TCO '03, TUV/GS, TUV Ergo, UL/cUL

## Cabinet

- Color: Silver/Black
- Finish: Texture

