



Philips Brilliance  
LCD monitor with  
PowerSensor

56 cm (22") w B-line  
Format 16:10

**Brilliance**

**225B1CB**

## World's first PowerSensor display cuts power bills

The Green Philips 225B 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 saves up to 70% energy costs
- High energy efficiency helps reduce energy bills
- Eco-friendly materials that meets international standards
- EPEAT Silver ensures lower impact on environment

### **Outstanding display performance**

- SmartImage: Optimized user-friendly display experience
- Hassle-free display performance tuning with SmartControl II
- TrueVision: Laboratory quality display performance

### **Ergonomic design**

- 70mm height adjustment for ideal sitting position
- Tilt and swivel adjustment for an ideal viewing angle

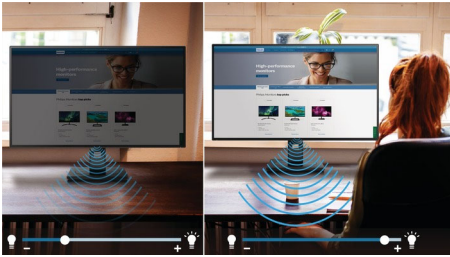
### **Great convenience**

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

**PHILIPS**

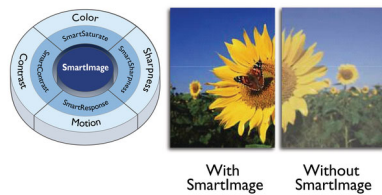
# Highlights

## PowerSensor



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 70 percent and prolonging monitor life.

## 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!

## TrueVision



TrueVision 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.

## 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.

## 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.

## 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.

## 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 CO<sub>2</sub> 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.



# Specifications

## Picture/Display

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

- 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
- Plug & Play Compatibility: DDC/CI, Mac OS X, Windows 7/Vista/XP/2000/98, sRGB

## Stand

- Height adjustment: 70 mm
- Swivel: -45/+45 degree
- Tilt: -5/20 degree

## Power

- ECO mode: <17.5W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz
- On mode: 22.37W (EnergyStar 5.0 test method)
- Standby mode: <0.5 W
- Off mode: < 0.5 W

## Dimensions

- Product with stand (mm): 502 x 446 x 228 mm
- Product without stand (mm): 502 x 346 x 58 mm
- Packaging in mm (WxHxD): 562 x 480 x 168 mm

## Weight

- Product with stand (kg): 5.16 kg
- Product without stand (kg): 4.14 kg
- Product with packaging (kg): 6.8 kg

## Operating conditions

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

## 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: Black
- Finish: Texture



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