



Product Highlights

PowerSensor



PowerSensor is a built-in "peoples sensor" that transmit and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from desk.

SmartImage



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.

TrueVision



True Vision an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements for each and ever monitor.

High energy efficiency

Philips has ensured that your monitor typically consumes about 50% less power than its equivalent previous generation model, by using only 0.5watts in sleep mode.

Philips Brilliance
LCD monitor with
PowerSensor

22" w B-line

Brilliance

225B1CB

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
- Pixel pitch: 0.282 x 0.282 mm
- Picture enhancement: SmartImage
- Brightness: 250 cd/m²
- SmartContrast: 25000:1
- Contrast ratio (typical): 1000:1
- 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, Windows 98/2000/XP/Vista, Mac OS X, sRGB

Stand

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

Power

- On mode without audio: 27W (typical)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz
- On mode: <20W (EnergyStar 5.0 test method)
- Standby mode: <0.8 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

Eco-friendly materials

Philips has ensured that your monitor typically consumes about 50% less power than its equivalent previous generation model, by using only 0.5watts in sleep mode.

EPEAT Silver

EPEAT certification ensures reduction in use of toxic materials and hazardous waste and also ensures compliance with Energy Star.

