



Philips Brilliance
LCD monitor, LED
backlight with
PowerSensor

- P-line
- 23" / 58.4cm
- Full HD IPS display

Brilliance

231P4QPYES



Sustainable eco design display

with PowerSensor saves energy bills

The Philips PowerSensor IPS LED display using 65% post consumer recycled plastics and PVC, BFR free housing is ideal for eco-friendly productivity

Sustainable Eco-design

- PowerSensor saves up to 80% energy costs
- Zero power consumption with 0 watt hard switch
- 65% post consumer recycled plastics with TCO Edge
- PVC-BFR free housing

Brilliant performance

- IPS LED wide view technology for image and color accuracy
- DisplayPort offers audio and video over a single, long cable
- Built-in stereo speakers for multimedia

Designed for people

- SmartErgoBase enables people-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort

Easy to experience

- SmartImage presets for easy optimized image settings
- USB Hub with 4 ports for easy connections

PHILIPS

Specifications

Picture/Display

- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Panel Size: 23 inch / 58.4 cm
- Effective viewing area: 509.18 (H) x 286.41 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Response time (typical): 14 ms
- SmartResponse (typical): 7 ms (Gray to Gray)
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000 :1
- Pixel pitch: 0.265 x 0.265 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- sRGB

Connectivity

- Signal Input: DisplayPort, DVI-D (digital, HDCP), VGA (Analog)
- USB: USB 2.0 x 4
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: PC audio-in, Headphone out

Convenience

- Built-in Speaker: 1.5Wx2
- User convenience: SmartImage, Volume, PowerSensor, Menu, Power On/Off
- Control software: SmartControl Premium
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP

Stand

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

Power

- ECO mode: 18 W
- On mode: 29.1 W (EnergyStar 5.0 test method)
- Standby mode: 0.3 W
- Off mode: Zero watts with Zero switch
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: 100-240VAC, 50-60Hz, Built-in

Dimensions

- Product with stand (mm): 547 x 515 x 220 mm
- Product without stand (mm): 547 x 343 x 60 mm
- Packaging in mm (WxHxD): 600 x 400 x 263 mm

Weight

- Product with stand (kg): 5.23 kg
- Product without stand (kg): 3.09 kg
- Product with packaging (kg): 7.70 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: 30,000 hour(s)

Sustainability

- Environmental and energy: PowerSensor, EnergyStar 5.0, EPEAT Gold*, TCO edge, RoHS
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 65%
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TCO 5.2, TUV Ergo, TUV/GS, UL/cUL, WEEE

Cabinet

- Front bezel: Silver
- Rear cover: Black
- Foot: Black
- Finish: Texture



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