



Philips  
IPS LCD monitor, LED  
backlight with  
PowerSensor

**E-line**

23" / 58.4cm Full HD IPS display

**237E3QPHSU**

## High performance IPS display with PowerSensor

### saves energy bills

Experience brilliant LED pictures on this IPS wide-view display. With elegant design, translucent blue bezel, HDMI and Innovative PowerSensor that detects your presence saving upto 80% of your energy bill, it's a smart green choice

#### **Great picture quality**

- IPS LED wide view technology for image and color accuracy
- SmartContrast 20000000:1 for incredible rich black details
- SmartImage Lite for an enhanced LCD viewing experience
- 16:9 Full HD display for best viewing experience

#### **Design that complements any interior**

- Sleek, elegant design complements your home decor
- Translucent blue bezel with glossy finish
- Modern Touch controls

#### **Experience true multimedia**

- HDMI-ready for 16:9 Full HD entertainment

#### **Environmentally friendly green design**

- PowerSensor ensures lower operating costs by saving energy
- Mercury Free eco-friendly display

**PHILIPS**

sense and simplicity

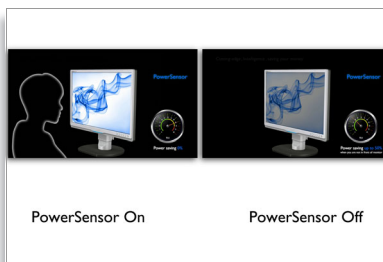
# Highlights

## IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays give you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

## 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 80 percent and prolonging monitor life.

## SmartImage Lite

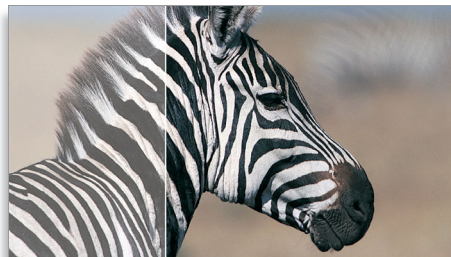
SmartImage Lite is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

## HDMI-ready



A HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input, high quality digital video and audio signals all transmitted over a single cable from a PC or any number of AV sources including set-top boxes, DVD players and A/V receivers and video cameras.

## SmartContrast ratio 2000000:1



You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight

boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

## Touch controls

Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch, Touch control gives the monitor a modern feel

## 16:9 Full HD



The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

## Sleek, elegant design

A sleek, elegant design look that complements home furnishings in any room.



# 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 x 286.41 mm
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- SmartResponse (typical): 7 ms (Grey to Grey)
- Brightness: 250 cd/m<sup>2</sup>
- 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 Lite
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

## Connectivity

- Signal Input: VGA (Analog), HDMIx2
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: HDMI audio out

## Convenience

- User convenience: Power On/Off, Menu, Input, SmartImage lite, PowerSensor
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP

## Stand

- Tilt: -5/20 degree degree

## Power

- On mode: 26.6 W (typ.) (EnergyStar 5.0 test

- method)
- Standby mode: < 0.5W
- Off mode: < 0.3 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: 100-240VAC, 50/60Hz, Built-in

## Dimensions

- Product with stand (mm): 568 x 435 x 238 mm
- Product without stand (mm): 568 x 345 x 46 mm
- Packaging in mm (WxHxD): 619 x 498 x 110 mm

## Weight

- Product with stand (kg): 3.46 kg
- Product without stand (kg): 2.93 kg
- Product with packaging (kg): 5.07 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: EPEAT Silver, RoHS, EnergyStar 5.0, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

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

## Cabinet

- Color: Black with Blue Tint
- Finish: Glossy



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