Philips
IPS LCD monitor, LED backlight

E Line
23" (58.4 cm)
Full HD display

237E4QSD

High performance IPS display

for brilliant, vivid colors

Experience brilliant LED pictures on this IPS wide-view display. With elegant, slim design and SmartImage lite, it's a great choice!

Elegant Design

- Elegant, slim design complements your home decor
- Modern Touch controls
- Superb black cherry glossy finish

Superb Picture Quality

- Easy display performance tuning with SmartControl Lite
- TrueVision ensures lab quality images
- SmartImage Lite for an enhanced LCD viewing experience
- 16:9 Full HD display for best viewing experience
- IPS LED wide view technology for image and color accuracy

Greener everyday

- Eco-friendly materials that meets international standards
- Mercury Free eco-friendly display
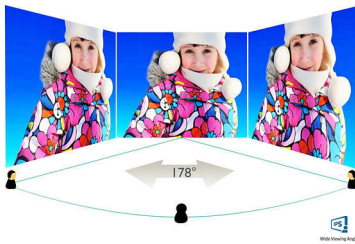- Low power consumption saves energy bills

PHILIPS

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. Unlike standard TN panels, IPS displays gives 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.

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.

SmartControl Lite

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune most parameters of the monitor like Color, Brightness, screen calibration, Multi-media, ID management, etc with the mouse.

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.

TrueVision

TrueVision On   TrueVision Off

TrueVision is a proprietary Philips technology that uses advanced algorithm for testing and aligning monitor display which gives you the ultimate display performance. Philips ensures TrueVision monitors leave the factory fine-tuned with this process giving you consistent color and picture quality.

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.

Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

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.

Slim design

Elegant, slim design complements your home decor

Low power consumption

Low power consumption saves energy bills

Superb black cherry

Superb black cherry glossy finish

Specifications

Connectivity
- Signal Input: VGA (Analog), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green

Picture/Display
- Panel Size: 23 inch / 58.4 cm
- Aspect ratio: 16:9
- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.265 x 0.265 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 14 ms
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage Lite
- Effective viewing area: 509.18 (H) x 286.41 (V)
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

Convenience
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP
- User convenience: SmartImage lite, Input, 4:3 / Wide, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Other convenience: Kensington lock

Stand
- Tilt: -5/20 degree

Power
- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: 0.3 W
- On mode: 28.6 W (EnergyStar 5.0 test method)
- Standby mode: 0.5 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Product with stand (mm): 547 x 420 x 193 mm
- Packaging in mm (WxHxD): 600 x 500 x 100 mm
- Product without stand (mm): 547 x 335 x 37 mm

Weight
- Product with packaging (kg): 4.17 kg
- Product with stand (kg): 2.82 kg
- Product without stand (kg): 2.52 kg

Operating conditions
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

Sustainability
- Environmental and energy: EnergyStar 5.0, RoHS, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TCO 5.2, TUV/ISO9241-307, UL/cUL, WEEE

Cabinet
- Color: Black Cherry
- Finish: Glossy