Philips
LED monitor

V Line
23" (58.4 cm)

236V3LSB

Enjoy great LED pictures in vivid colors

This attractive, slim display is a delight to use. Essential features like SmartContrast that ensures rich bright images makes it a great choice!

Great picture quality
- LED technology for natural colors
- SmartContrast 10000000:1 for incredible rich black details
- 16:9 Full HD display for best viewing experience

Design that complements any interior
- Attractive slim, glossy design
- Small footprint to blend into any lifestyle

Greener everyday
- Mercury Free eco-friendly display
- Energy Star for energy efficiency and low power consumption

Great convenience
- Easy display performance tuning with SmartControl Lite

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Highlights

LED technology
White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

SmartContrast ratio 10000000:1

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.

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.

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.

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.

Energy Star 5.0
Energy Star is a US EPA sponsored energy efficiency program also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1watt power consumption, whereas Philips monitors consume less than 0.5watts. Further details can be obtained from www.energystar.gov

LED
10,000,000:1 SmartContrast
5ms
Slim design
Low Power
Hg Free

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 23 inch / 58.4 cm
- Effective viewing area: 509.18 (H) x 286.42 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- SmartContrast: 10,000,000:1
- Contrast ratio (typical): 1000:1
- Pixel pitch: 0.265x 0.265 mm
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- 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)
- Sync Input: Separate Sync, Sync on Green

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

Stand
- Tilt: -5/+20 degree

Power
- On mode: 18.5 W (EnergyStar 5.0 test method)
- Standby mode: 0.5 W
- Off mode: 0.5 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz

Dimensions
- Product with stand (mm): 566 x 426 x 219 mm
- Product without stand (mm): 566 x 355 x 44 mm
- Packaging in mm (WxHxD): 614 x 440 x 112 mm

Weight
- Product with stand (kg): 3.19 kg
- Product without stand (kg): 2.22 kg
- Product with packaging (kg): 4.54 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: EnergyStar 5.0, EPEAT Silver, RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

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

Cabinet
- Color: Black
- Finish: Glossy (front bezel) /Texture (rear cover)

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