Philips
LCD monitor with
SmartControl Lite

V Line
23" (58.4 cm)

233V5QHABPR

Great LED images in vivid colours

with stereo speakers

Enjoy vibrant PLS LED pictures on this Philips display. Equipped with HDMI and stereo speakers, it's a great choice!

Vivid pictures every time
- Easy display performance tuning with SmartControl Lite
- SmartContrast for rich black details
- PLS LED wide-view technology for image and colour accuracy
- 16:9 Full HD display for crisp, detailed images

Experience multimedia
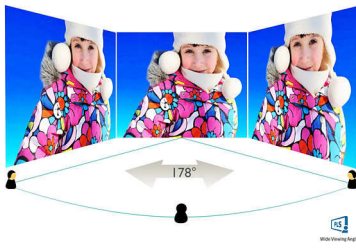- HDMI-ready for Full HD entertainment
- Built-in stereo speakers for multimedia

Great choice
- Compact design saves space
- Mercury Free eco-friendly display
- VESA mount allows for flexibility

PHILIPS

Highlights

PLS technology

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

Built-in stereo speakers

A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

16:9 Full HD display

Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

SmartControl Lite

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

SmartContrast

SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos

or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

HDMI Ready

HDMI-ready

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

Mercury Free

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

Compact design saves space

Compact design saves space

VESA mount

VESA mount allows for flexibility

Specifications

Connectivity
- Signal Input: VGA (Analogue), HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display
- Panel Size: 23 inch/58.4 cm
- Aspect ratio: 16:9
- LCD panel type: PLS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.265 x 0.265 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 10,000,000:1
- Response time (typical): 12 (GtG) ms
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Effective viewing area: 509.18 (H) x 286.42 (V)
- Scanning Frequency: 30-83 kHz (H) / 56-76 Hz (V)
- sRGB
- SmartResponse (typical): 5 ms (GtG)

Convenience
- Built-in Speakers: 2 W x 2
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8
- User convenience: Auto/Down, Brightness/Back, Menu/OK, Power On/Off, Volume/Up
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)

Stand
- Tilt: -5/20 degree

Power
- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: 0.3 W (typ.)
- On mode: 20.27 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions
- Product with stand (mm): 547 x 416 x 219 mm
- Packaging in mm (W x H x D): 600 x 415 x 118 mm
- Product without stand (mm): 547 x 340 x 53 mm

Weight
- Product with packaging (kg): 5.25 kg
- Product with stand (kg): 3.82 kg
- Product without stand (kg): 3.40 kg

Operating conditions
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- 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: RoHS, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, CU, SEMKO, BSMI, cETLus, TUV/ISO9241-307, TCO Certified, SASO, EPA, CB, PSB, KUCAS, WEEE

Cabinet
- Colour: Black
- Finish: Hairline (front bezel)/Texture (rear cover)

* Smart response time is the optimum value from either GtG or GtG (BW) tests.