Philips
LCD monitor

V Line
24" (61 cm)
1920 x 1080 (Full HD)

246V5LDSB

Enjoy great LED pictures in vivid colours

Enjoy vivid LED pictures with this attractive, glossy design display. Equipped with HDMI, it's a great choice!

Vivid pictures every time
- LED technology for vivid colours
- 16:9 Full HD display for crisp, detailed images
- Less eye fatigue with Flicker-Free technology
- SmartContrast for rich black details

Experience multimedia
- HDMI-ready for Full HD entertainment

Modern design
- Attractive glossy design
- VESA mount allows for flexibility

Greener every day
- Mercury Free eco-friendly display
- Energy Star for energy efficiency and low power consumption
- Low power consumption saves energy bills

PHILIPS

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 the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

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.

Flicker-Free technology

Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

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

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.

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 24 inch/61 cm
- Effective viewing area: 531.36 (H) x 298.89 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 1 ms (Grey to Grey)*
- Brightness: 250 cd/m²
- SmartContrast: 10,000,000:1
- Contrast ratio (typical): 1000:1
- Pixel pitch: 0.277 x 0.277 mm
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–76 Hz (V)
- sRGB

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

Convenience
- User convenience: Power On/Off, Menu/OK, Brightness/Back, 4:3 Wide/Up, Auto/Down
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish, Brazil Portuguese, Czech, Dutch, Finnish, Greek, Hungarian, Japanese, Korean, Polish, Swedish, Traditional Chinese, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand
- Tilt: -5/20 degree

Power
- On mode: 15.66 W (EnergyStar 7.0 test method)
- Energy Label Class: E

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

Dimensions
- Product with stand (mm): 565 x 435 x 238 mm
- Product without stand (mm): 565 x 354 x 63 mm
- Packaging in mm (W x H x D): 613 x 446 x 131 mm

Weight
- Product with stand (kg): 4.65 kg
- Product without stand (kg): 4.22 kg
- Product with packaging (kg): 6.05 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 %
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: EnergyStar 7.0, RoHS, Mercury Free
- Recyclable packaging material: 100 %

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

Cabinet
- Colour: Black
- Finish: Glossy (front bezel)/Textured (rear cover)

What's in the box?
- Monitor with stand
- Cables: D-Sub cable, Power cable
- User Documentation

www.philips.com

* Response time value equal to SmartResponse