PHILIPS

LCD monitor

V Line

24" (61 cm)

1920 x 1080 (Full HD)

246V5LDSB

Enjoy great LED pictures in vivid colors

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 colors
- SmartContrast for rich black details
- 16:9 Full HD display for crisp detailed images
- Less eye fatigue with Flicker-free technology

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

Experience multimedia
- HDMI-ready for Full HD entertainment

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

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.

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 colors 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 analyzes the contents you are displaying, automatically adjusting colors 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. A HDMI cable enables high-quality digital video and audio all 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 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.

Full HD 1080p

Flicker-free

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

Hg Free

VESA Mount

Specifications

Picture/Display

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

Connectivity

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

Convenience

Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
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 (100x100mm)

Stand

Tilt: -5/20 degree

Power

Power supply: Built-in, 100-240VAC, 50-60Hz
Off mode: 0.5 W (typ.)
On mode: 15.66 W (EnergyStar 7.0 test method)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Product with stand (mm): 565 x 435 x 238 mm
Packaging in mm (WxHxD): 613 x 446 x 131 mm
Product without stand (mm): 565 x 354 x 63 mm

Weight

Product with packaging (kg): 6.05 kg
Product with stand (kg): 4.65 kg
Product without stand (kg): 4.22 kg

Operating conditions

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

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

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

* Response time value equal to SmartResponse