Philips
LCD monitor

V Line
23" (58.4 cm)
1920 x 1080 (Full HD)

236V6QHAB

Vivid colours. Crisp images. Wide views

Enjoy crisp, vivid images on this slim Philips display. Equipped with SmartContrast, which ensures rich and bright images, it's a great choice!

Vivid pictures every time
- AH-IPS display gives awesome images with wide viewing angles
- Less eye fatigue with Flicker-Free technology
- 16:9 Full HD display for crisp, detailed images
- SmartContrast for rich black details
- LowBlue Mode for easy-on-the-eyes productivity

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

Great choice
- Ultra-Narrow Border for seamless appearance
- Compact design saves space
- Mercury Free eco-friendly display
- VESA mount allows for flexibility
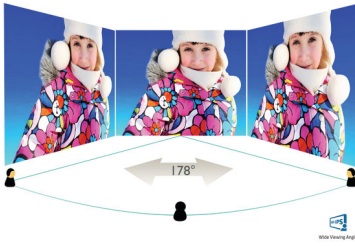- Low power consumption saves energy bills

PHILIPS

Highlights

AH-IPS technology

AH-IPS 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. Unlike standard TN panels, AH-IPS 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.

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.

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.

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.

LowBlue Mode

Studies have shown that just as ultra-violet rays can cause eye damage, shortwave-length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

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).

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.

Ultra-narrow Border

The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setups like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

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: AH-IPS 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 (Grey to Grey)*
- Brightness: 250 cd/m²
- SmartContrast: 10,000,000:1
- Contrast ratio (typical): 1000:1
- Pixel pitch: 0.265 x 0.265 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–76 Hz (V)
- sRGB
- LowBlue Mode

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

Convenience
- Built-in Audio: 2.0 W x 2
- User convenience: Power On/Off, Menu/OK, Brightness/Back, Volume/Up, Auto/Down
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, 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: 15.72 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 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): 532 x 409 x 225 mm
- Product without stand (mm): 532 x 331 x 51 mm
- Packaging in mm (W x H x D): 580 x 472 x 130 mm

Weight
- Product with stand (kg): 3.35 kg
- Product without stand (kg): 2.90 kg
- Product with packaging (kg): 4.40 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: 50,000 (excluding backlight) hour(s)

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

Compliance and standards
- Regulatory Approvals: CB, cETLus, TCO Certified, EPA, CU, TUV/ISO9241-307, MEPS, PSB, SASO, KUCAS, CE Mark, FCC Class B, ICES-003, BSMI, WEEE

Cabinet
- Colour: Black
- Finish: Glossy / Textured

* "AH-IPS" word mark/trademark and related patents on technologies belong to their respective owners.
* HDMI cables vary depending on region and models.
* Response time value equal to SmartResponse