Philips Monitor
LCD monitor

V Line
24 (23.8"/60.5 cm diag.)
1920 x 1080 (Full HD)

241V8L

Vivid, crisp images beyond boundaries

Philips V line wide-view monitor gives viewing beyond boundaries, great value with essential features. Adaptive-Sync delivers smooth video display. Features like anti-glare, LowBlue mode and flicker-free for easy-on-the-eyes.

Vivid pictures every time
- VA display delivers awesome images with wide viewing angles
- SmartContrast for rich black details
- SmartImage pre-sets for easy optimised image settings
- Effortlessly smooth action with Adaptive-Sync technology

Easy on the eyes
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- EasyRead mode for a paper-like reading experience

Experience true multimedia
- HDMI ensures universal digital connectivity
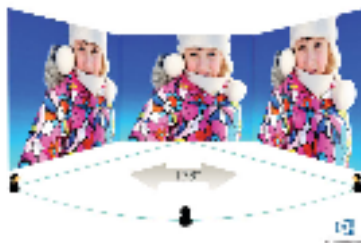
Perfectly designed for your space
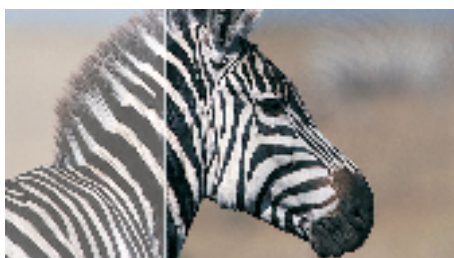- VESA mount allows for flexibility

PHILIPS

Highlights

VA display

The Philips VA LED display uses an advanced multi-domain vertical alignment technology that gives you super-high static contrast ratios for extra-vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178 degree extra-wide viewing angle, resulting in crisp images.

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.

SmartImage

SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your display performance. This user-friendly interface allows you to select various modes, like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

Adaptive-Sync technology

Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artefact-free performance at virtually any frame rate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.
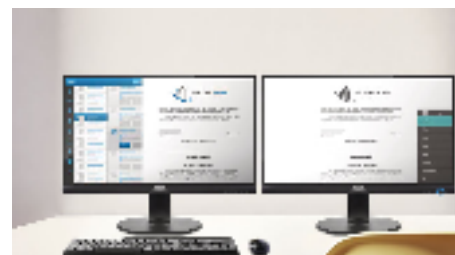
Flicker-Free technology

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.

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.

EasyRead mode

EasyRead mode for a paper-like reading experience

Specifications

Picture/Display
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 23.8 inch/60.5 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 527 (H) x 296.5 (V)
- Aspect ratio: 16:9
- Maximum resolution: 1920 x 1080 @ 75 Hz*
- Pixel Density: 93 PPI
- Response time (typical): 4 ms (GtG)*
- Brightness: 250 cd/m²
- Contrast ratio (typical): 3000:1
- SmartContrast: Mega Infinity DCR
- Pixel pitch: 0.2745 x 0.2745 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Flicker-free
- Display colours: 16.7 M
- Scanning Frequency: 30–85 kHz (H) / 48–75 Hz (V)
- LowBlue Mode
- EasyRead
- sRGB
- Adaptive sync

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

Convenience
- User convenience: Power On/Off, Menu/OK, Brightness/UP, Input/Down, SmartImage/Back
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Swedish, Turkish, 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: 20.4 W (typ.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Energy Label Class: E
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz

Dimensions
- Product with stand (max height): 540 x 416 x 220 mm
- Product without stand (mm): 540 x 322 x 51 mm
- Packaging in mm (W x H x D): 608 x 415 x 121 mm

Weight
- Product with stand (kg): 3.03 kg
- Product without stand (kg): 2.64 kg
- Product with packaging (kg): 4.25 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 (Excluded backlight) hour(s)

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

Compliance and standards
- Regulatory Approvals: UKRAINIAN, CB, TUV Ergo, TUV/GS, CU-EAC, EAEU RoHS, CE Mark

Cabinet
- Colour: Black
- Finish: Textured

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

* The maximum resolution works for HDMI input only.
* Response time value equal to SmartResponse
* The monitor may look different from feature images.