

Philips
LCD monitor

V Line

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

242V8A



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.

Perfectly designed for your space

- VESA mount allows for flexibility

Easy on the eyes

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

Experience true multimedia

- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- Built-in stereo speakers for multimedia

Vivid pictures every time

- SmartContrast for rich black details
- IPS LED wide view technology for image and colour accuracy
- SmartImage pre-sets for easy optimised image settings
- Effortlessly smooth action with Adaptive-Sync technology

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Highlights

IPS technology



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, 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.

SmartContrast



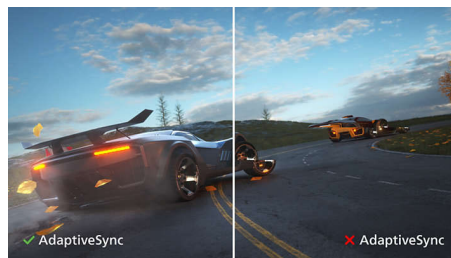
SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, 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

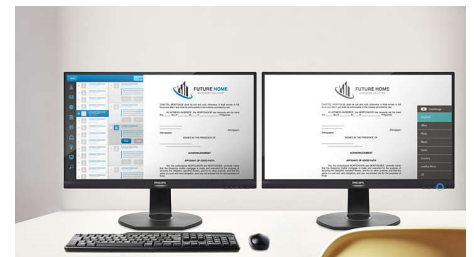
flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

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

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.



Specifications

Connectivity

- Signal Input: VGA (Analogue), HDMI 1.4, DisplayPort 1.2
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display

- Panel Size: 23.8 inch/60.5 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.275 x 0.275 mm
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: Mega Infinity DCR
- Response time (typical): 4 ms (GtG)*
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Maximum resolution: 1920 x 1080 @ 75 Hz*
- Effective viewing area: 527 (H) x 296.5 (V)
- Scanning Frequency: 30–83 kHz (H)/56–76 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 93 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- EasyRead
- Adaptive sync

Convenience

- Built-in Speakers: 2 W x 2
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- 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)

Stand

- Tilt: -5/20 degree

Power

- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: 0.5 W (typ.)
- On mode: 13.59 W (typ.) (EnergyStar test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Energy Label Class: E

Dimensions

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

Weight

- Product with packaging (kg): 4.53 kg
- Product with stand (kg): 3.03 kg
- Product without stand (kg): 2.64 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: 50 000 (Excluded backlight) hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

Sustainability

- Environmental and energy: EnergyStar 8.0, TCO Certified, RoHS, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: CB, EPA, cETLus, CE Mark, TUV/GS, TUV Ergo, SEMKO, CU-EAC

Cabinet

- Colour: Black
- Finish: Textured

What's in the box?

- Cables: HDMI cable, Power cable
- Monitor with stand
- User Documentation



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* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* The maximum resolution works for either HDMI input or DP input.
* Response time value equal to SmartResponse
* The monitor may look different from feature images.