

# PHILIPS

## LCD monitor

## Monitor

V Line

24 (23.8" / 60.5 cm diag.)

1920 x 1080 (Full HD)

242V8LA



## 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

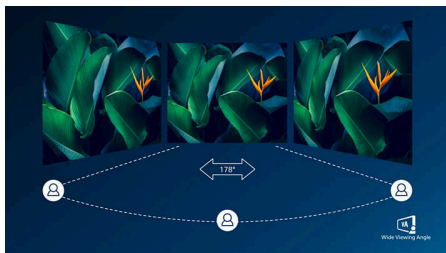
- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- Built-in stereo speakers for multimedia

### Vivid pictures every time

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

# 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



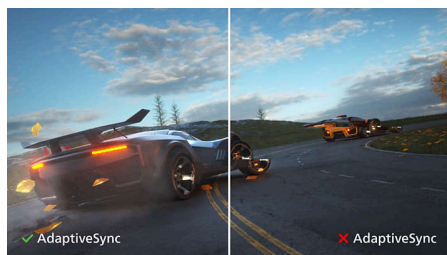
SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected,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



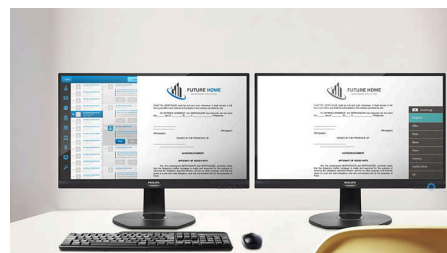
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

## 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



Wide Viewing Angle



SmartImage™



Adaptive-Sync



Flicker-free



LowBlue Mode



EasyRead



HDMI™  
HIGH DEFINITION MULTIMEDIA INTERFACE



Built-in Speaker

## Highlights

### 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.

### DisplayPort connection



DisplayPort is a digital link from PC to monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15 metre cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates — making DisplayPort the best choice for not only general office or home use, but also for the more demanding gaming and films, video editing and more. It also keeps interoperability in mind via the use of various adapters.



Wide Viewing Angle



SmartImage™



Adaptive-Sync



Flicker-free



LowBlue Mode



EasyRead

# Monitor

LCD monitor

242V8LA/00

## Specifications

### Picture/Display

**Panel Size:** 23.8 inch/60.5 cm  
**Aspect ratio:** 16:9  
**LCD panel type:** VA LCD  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.2745 x 0.2745 mm  
**Brightness:** 250 cd/m<sup>2</sup>  
**Display colours:** 16.7 M  
**Contrast ratio (typical):** 3000:1  
**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:** 30–85 kHz (H) / 48–75 Hz (V)  
**sRGB**  
**Flicker-free**  
**Pixel Density:** 93 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**EasyRead**  
**Adaptive sync**

### Connectivity

**Signal Input:** VGA (Analogue), HDMI (digital, HDCP), DisplayPort x 1  
**Sync Input:** Separate Sync, Sync on Green  
**Audio (In/Out):** PC audio-in, Headphone out

### Convenience

**Built-in Speakers:** 2W 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, Volume, 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:** 0.3 W (typ.)  
**On mode:** 16.3 W (typ.)  
**Standby mode:** 0.5 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode - White (flashing)  
**Energy Label Class:** E

### Dimensions

**Packaging in mm (W x H x D):**  
606 x 395 x 124 mm  
**Product without stand (mm):** 540 x 322 x 51 mm  
**Product with stand (max height):** 540 x 416 x 220 mm

### Weight

**Product with packaging (kg):** 4.86 kg  
**Product with stand (kg):** 3.00 kg  
**Product without stand (kg):** 2.61 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:** 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?

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

