

# PHILIPS

## LCD monitor

## Monitor

V Line

24 (23.8" / 60.5 cm diag.)

1920 x 1080 (Full HD)

241V8AW



## 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

- Compact design saves 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

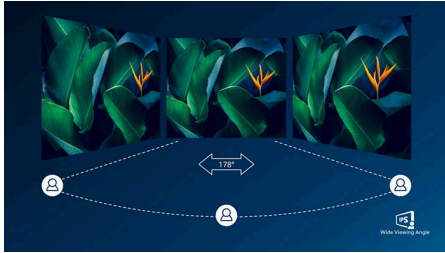
- Built in stereo audio for multimedia experience
- HDMI ensures universal digital connectivity

### 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

# 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

## 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).



# Specifications

## 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/m<sup>2</sup>

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 @ 100 Hz (HDMI)

Effective viewing area: 527 (H) x 296.5 (V) mm

Scanning Frequency: VGA: 30–85 kHz (H)/48–60 Hz (V), HDMI: 30–115 kHz (H)/48–100 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: HDMI (digital, HDCP), VGA (Analogue)

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Sync Input: Separate Sync, Sync on Green

Audio (In/Out): Audio out, PC audio-in

HDCP: HDCP 1.4 (HDMI)

## Convenience

Built-in Speakers: 2 W x 2

Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11/10/8.1/8

User convenience: Power On/Off, Menu/OK, Input/Down, SmartImage/Back, Volume

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: 21.64 W (typ.)

Standby mode: 0.5 W (typ.)

Power LED indicator: Operation - White, Standby mode - White (flashing)

## Dimensions

Product with stand (mm): 540 x 416 x 220 mm

Packaging in mm (W x H x D):

606 x 395 x 124 mm

Product without stand (mm): 540 x 322 x 51 mm

## Weight

Product with packaging (kg): 4.72 kg

Product with stand (kg): 2.87 kg

Product without stand (kg): 2.49 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

MTBF: 30,000 (Excluded backlight) hour(s)

Relative humidity: 20%-80 %

Temperature range (storage): -20°C to 60 °C

## Sustainability

Environmental and energy: RoHS, Mercury Free

Recyclable packaging material: 100 %

## Compliance and standards

Regulatory Approvals: CB, CE Mark, EAC, FCC, ICES-003, TUV Ergo, TUV/GS

## Cabinet

Colour: White

Finish: Textured

## What's in the box?

Cables: HDMI cable, Power cable

Monitor with stand

User Documentation

