



LCD monitor

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

242V8A/00

## 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.

### Benefits

#### Vivid pictures every time

- IPS LED wide view technology for image and color accuracy
- SmartContrast for rich black details
- SmartImage presets for easy optimized 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

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

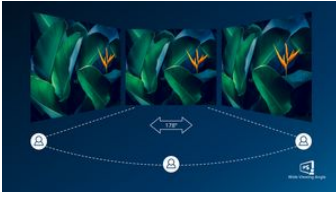
#### Perfectly designed for your space

- VESA mount allows for flexibility

**PHILIPS**

## Features

### IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

### SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors 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 analyzes the content displayed on your screen and gives you optimized 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 optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

### Adaptive-Sync technology



Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate 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, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

### EasyRead mode



### Built-in stereo speakers



A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

### HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all 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).

## 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

15meter 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 demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

## Specifications

[field not found 'disclaimer\_text']

### Picture/Display

LCD panel type	IPS technology
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/m <sup>2</sup>
Contrast ratio (typical)	1000:1
SmartContrast	Mega Infinity DCR
Pixel pitch	0.275 x 0.275 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -76 Hz (V)
LowBlue Mode	Yes
EasyRead	Yes
sRGB	Yes
Adaptive sync	Yes

### Connectivity

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

### Convenience

Built-in Speakers	2 W x 2
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

Other convenience	Traditional Chinese Ukrainian Kensington lock VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7

### Stand

Tilt	-5/20 degree
------	--------------

### Power

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

### Dimensions

Product with stand (mm)	540 x 416 x 220 mm
Product without stand (mm)	540 x 322 x 51 mm
Packaging in mm (WxHxD)	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)	4.53 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	50,000 (Excluded backlight) hour(s)

### 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

Finish Textured

**What's in the box?**

Monitor with stand	Yes
Cables	HDMI cable, Power cable
User Documentation	Yes

**Cabinet**

Color Black

- \* "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.



data subject to change  
2023, June 18

Version: 11.0.1  
EAN: 8712581759803

© 2023 Koninklijke Philips N.V.  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

[www.philips.com](http://www.philips.com)