



Philips  
LED-backlit LCD monitor  
with SmartImage

### S Line

22 (Viewable 21.5"/54.6 cm)  
Full HD (1920 x 1080)

221S6QMB



## Essential features, efficient performance

for maximum productivity

The Philips ergonomic AH-IPS Display, which uses 25% recycled materials and PVC, BFR-free housing, is ideal for eco-friendly productivity.

#### Great performance

- AH-IPS display for brilliant images with vivid colours
- Less eye fatigue with Flicker-Free technology
- SmartImage presets for easy optimised image settings
- SmartContrast gives enhanced rich black details

#### Designed for people

- SmartErgoBase enables user-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort
- VESA mount allows for flexibility

#### Easy to experience

- Built-in stereo speakers for multimedia

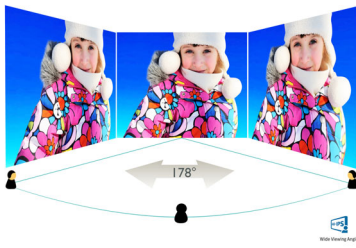
#### Sustainable Eco-design

- 25% recycled material with EPEAT Gold
- SmartPower: Up to 50% power saving

# PHILIPS

# Highlights

## AH-IPS technology



This latest Philips display uses advanced AH-IPS panels, resulting in superior colour reproduction, response time and power consumption. Unlike standard TN panels, AH-IPS panels show consistent colour even at 178-degree wide angles and in pivot mode. With remarkable performance, AH-IPS is best suited for applications demanding colour accuracy and consistent brightness at all times, such as photo retouching, graphics applications and web browsing.

## Flicker-Free technology

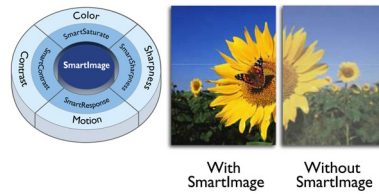


Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

## 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.

## 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!

## 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.

## SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, cable management reduces cable clutter and keeps the workspace neat and professional.

## Low bezel-to-table height

Thanks to its advanced SmartErgoBase, the Philips monitor can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows users of different heights to use the monitor at their preferred angle and height settings, helping them to reduce fatigue and strain.

## EPEAT Gold

Philips EPEAT GOLD certified monitors ensure protection for human health and the environment, and are highly energy efficient ensuring low emissions of climate changing greenhouse gases. The EPEAT programme helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by the US EPA. GOLD certification ensures that at least 30% of plastic used is Post-Consumer Resin, which ensures reduction in the use of toxic and hazardous materials. EPEAT Gold is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for the registration status in your country.



# Specifications

## Picture/Display

- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Panel Size: 21.5 inch/54.6 cm
- Effective viewing area: 476.06 (H) x 267.79 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 14 ms
- SmartResponse (typical): 5 ms (Grey to Grey)
- Brightness: 250 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.248 x 0.248 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colours: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

## Connectivity

- Signal Input: DVI-D (digital, HDCP), VGA (Analogue)
- 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: SmartImage, SmartPower, Menu, Power On/Off, Volume
- Control software: SmartControl Premium
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7

## Stand

- Height adjustment: 110 mm
- Pivot: 90 degree
- Swivel: -75/+75 degree
- Tilt: -5/20 degree

## Power

- ECO mode: 13.4 W (typ.)
- On mode: 16.96 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: <0.3 W (typ.)
- Off mode: <0.2 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100-240 VAC, 50-60 Hz

## Dimensions

- Product with stand (mm): 511 x 483 x 227 mm
- Product without stand (mm): 511 x 319 x 52 mm
- Packaging in mm (W x H x D): 565 x 422 x 184 mm

## Weight

- Product with stand (kg): 4.90 kg
- Product without stand (kg): 3.10 kg
- Product with packaging (kg): 6.78 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: 30,000 hour(s)

## Sustainability

- Environmental and energy: EnergyStar 6.0, EPEAT Gold\*, RoHS
- Recyclable packaging material: 100 %
- Recycled material: 25%
- Specific Substances: PVC/BFR free housing, Mercury free, Lead free

## Compliance and standards

- Regulatory Approvals: BSMI, cETLus, CE Mark, FCC Class B, GOST, SASO, SEMKO, TCO 6.0, TUV Ergo, TUV/GS, WEEE

## Cabinet

- Front bezel: Black
- Rear cover: Black
- Foot: Black
- Finish: Texture



Issue date 2015-12-01

Version: 1.0.1

12 NC: 8670 001 16299  
EAN: 87 12581 72467 2

© 2015 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)

\* "AH-IPS" word mark/trademark and related patents on technologies belong to their respective owners.

\* EPEAT Gold is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.

\* Smart response time is the optimum value from either GtG or GtG (BW) tests.