



Philips  
LCD monitor with  
SmartImage lite

Ultra-Narrow Bezel

21.5" (54.6 cm)  
AH-IPS

224E5QSB

## Vibrant images with AH-IPS display

with Ultra-Narrow Bezel

This attractive Philips display with ultra-narrow bezel and AH-IPS screen gives you awesome, vibrant colour images.

### Stylish design

- Superb glossy and textured finish
- Minimalistic looks with Ultra-Narrow Bezel
- VESA mount for convenience

### Awesome picture quality

- AH-IPS display gives awesome images with wide viewing angles
- SmartImage Lite for an enhanced LCD viewing experience
- TrueVision ensures lab quality images
- 16:9 Full HD display for crisp, detailed images

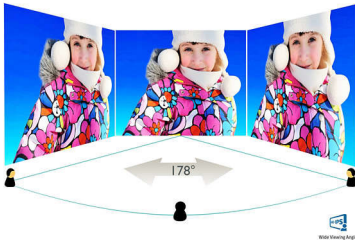
### Greener every day

- Eco-friendly materials that meet international standards
- Mercury Free eco-friendly display
- Low power consumption saves energy bills

# PHILIPS

# Highlights

## AH-IPS technology



AH-IPS displays use an advanced technology which 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, AH-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 which demand colour accuracy and consistent brightness at all times.

## Ultra-Narrow Bezel

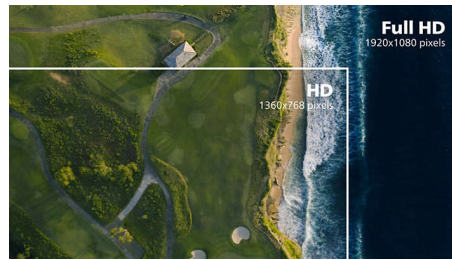
Utilising the latest technology panels, the new Philips displays are designed with a minimalistic approach by limiting the outer bezel thickness to about 2.5 mm. Combined with an in-panel black matrix strip of around 9 mm, the overall bezel dimensions are reduced significantly, minimising distractions and maximising viewing size. Especially suited to multi-display or tiling setups like gaming, graphics design and professional applications, the Ultra-narrow bezel display gives you the feeling of using one large display.

## SmartImage Lite

SmartImage Lite is an exclusive, leading edge Philips technology that analyses the content displayed on your screen. Based on a scenario

you select, SmartImage Lite dynamically enhances the contrast, colour saturation and sharpness of images and videos for ultimate display performance - all in real time with the press of a single button.

## 16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

## TrueVision



TrueVision is a proprietary Philips technology that uses an advanced algorithm for testing and aligning monitor display, which gives you the ultimate display performance. Philips ensures that TrueVision monitors leave the factory

fine-tuned with this process giving you consistent colour and picture quality.

## Superb glossy and textured finish

Superb glossy and textured finish

## Mercury Free

Philips monitors with LED backlighting are free from Mercury, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its lifecycle, from manufacturing to disposal.

## Eco-friendly materials

"Philips is committed to using sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilise up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures substantial reduction or elimination of toxic substances such as lead. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely. Visit Philips @ <http://www.asimpleswitch.com/global/> to learn more."

## VESA mount for convenience

VESA mount for convenience

## Low power consumption

Low power consumption saves energy bills



# Specifications

## Connectivity

- Signal Input: VGA (Analogue), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green

## Picture/Display

- Panel Size: 21.5 inch/54.6 cm
- Aspect ratio: 16:9
- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.248 x 0.248 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 8 Grey to Grey (BW) ms
- Viewing angle: 178° (H)/178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage Lite
- Effective viewing area: 476.1 (H) x 267.8 (V)
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

## Convenience

- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8
- User convenience: Power On/Off, Menu, 4:3/ Wide, Input, SmartImage Lite
- 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)

## Stand

- Tilt: -5/20 degree

## Power

- Power supply: External, 100–240 VAC, 50–60 Hz
- Off mode: 0.3 W (typ.)
- On mode: 18.9 W (typ.) (EnergyStar 6.0 test

method)

- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

## Dimensions

- Product with stand (mm): 500 x 394 x 213 mm
- Packaging in mm (W x H x D): 562 x 466 x 106 mm
- Product without stand (mm): 500 x 306 x 47 mm

## Weight

- Product with packaging (kg): 5.01 kg
- Product with stand (kg): 3.14 kg
- Product without stand (kg): 2.82 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: 30,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

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

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, cETLus, FCC Class B, GOST, PSB, SASO, SEMKO, TUV/ISO9241-307, WEEE

## Cabinet

- Colour: Black Cherry/Black
- Finish: Glossy

## What's in the box?

- Cables: VGA, Power
- Monitor with stand
- User Documentation



Issue date 2024-03-24

Version: 9.1.1

EAN: 87 12581 67569 1

© 2024 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)

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