Philips Brilliance
LED-backlit LCD monitor

S Line
19" (48.3 cm)
1280 x 1024 (SXGA)

19S4QAB

Essential features, efficient performance

for maximum productivity

The Philips display using 25% recycled materials and PVC, BFR-free housing is ideal for eco-friendly productivity.

Great performance

- Built-in stereo speakers for multimedia
- Less eye fatigue with Flicker-free technology
- IPS-ADS wide-view technology for image and color accuracy

Sustainable Eco-design

- SmartPower: Up to 50% power saving
- PVC-BFR free housing
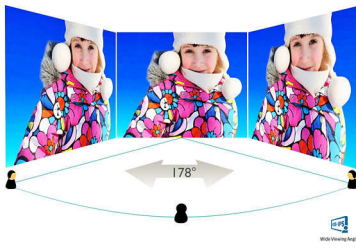- 100% recyclable packaging
- Zero mercury content

Easy to experience

- Screen tilts to your ideal, individualized viewing angle
- SmartControl for easy performance tuning
- SmartImage presets for easy optimized image settings

PHILIPS

Highlights

IPS-ADS technology

IPS-ADS 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-ADS displays give 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.

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. It can 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 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!

SmartControl for easy tuning

PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way

SmartPower

SmartPower is an artificial intelligent technology which dynamically analyzes the content of the screen image to achieve power saving. The backlight intensity can be controlled automatically and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs

PVC-BFR free housing

This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free)

Sustainability

Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In selected models, we utilize >= 65% Post-Consumer Recycled plastics, ensuring reduction in waste. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead and Mercury. Our display housing is made up of PVC/BFR free material. For more information, please visit Philips @ http://www.asimpleswitch.com/global/ to learn more.

Zero mercury content

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

Screen tilts

Screen tilts to your ideal, individualized viewing angle

Wide Viewing Angle   Flicker-free   Built-in Speaker   SmartImage   SmartControl   SmartPower   Hg Free   Built-in Speaker   ENERGY STAR   SmartControl

Specifications

Connectivity
- Signal Input: DVI-D (digital, HDCP), VGA (Analog)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display
- Panel Size: 19 inch / 48.3 cm
- Aspect ratio: 5:4
- LCD panel type: IPS-ADS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.293 x 0.293 mm
- Optimum resolution: 1280 x 1024 @ 60Hz
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 374.78 x 299.83 mm
- Scanning Frequency: 30 -83 kHz (H) / 56 -76 Hz (V)
- sRGB
- Display Screen Coating: Anti-Glare, 3H, Haze 25%

Convenience
- Built-in Speakers: 1.5W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7
- User convenience: SmartImage, Volume, SmartPower, Menu, Power On/Off
- 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 (100x100mm)
- Control software: SmartControl Premium

Stand
- Tilt: -5/20 degree

Power
- ECO mode: 8 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: <0.3 W (typ.)
- On mode: 11.13 W (typ.) (EnergyStar test method)
- Standby mode: <0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Energy Label Class: E

Dimensions
- Product with stand (mm): 404 x 418 x 194 mm
- Packaging in mm (WxHxD): 465 x 457 x 139 mm
- Product without stand (mm): 404 x 346 x 61 mm

Weight
- Product with packaging (kg): 4.82 kg
- Product with stand (kg): 3.20 kg
- Product without stand (kg): 2.80 kg

Operating conditions
- Temperature range (operation): 0°C to 40 °C
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60 °C
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability
- Environmental and energy: EnergyStar 8.0, EPEAT*, TCO Certified, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free
- Recycled material: 25%

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, BSMI, GS, ERGO, WEEE, PSB, C-Tick, cETLus, TUV Ergo, TUV/GS, UKRAINIAN, CCC, CECP

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

What's in the box?
- Cables: VGA, Audio, Power
- Monitor with stand
- User Documentation

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* EPEAT rating is valid only where Philips registers the product. Please visit https://www.epeat.net/ for registration status in your country.
* Response time value equal to SmartResponse