Philips
LED-backlit LCD monitor
with SmartImage

S Line
19" (48.3 cm)
1280 x 1024

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

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

Easy to experience

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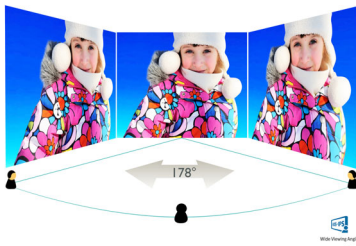- Screen tilts to your ideal, individualized viewing angle

Sustainable Eco-design

- 25% recycled material with EPEAT Gold
- SmartPower: Up to 50% power saving
- PVC-BFR free housing
- 100% recyclable packaging
- Zero mercury content

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.
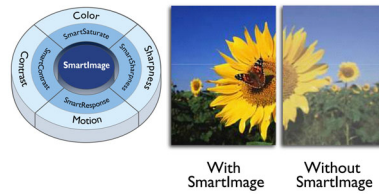
Flicker-free technology

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

With SmartImage / Without 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

EPEAT Gold

Philips EPEAT GOLD certified monitors ensure protection for human health and environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. EPEAT program helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by US EPA. GOLD certification ensures that at least 30% of plastic used is Post

Consumer Resin, which ensures reduction in use of toxic and hazardous materials. EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

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)

100% recyclable packaging

"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 some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. 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.

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.

SmartImage™ · Wide Viewing Angle · Wide Viewing Angle · Flicker-free · Built-in speakers · SmartControl · epeat GOLD · SmartPower · Hg Free · TCO CERTIFIED

Specifications

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

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

Convenience
- Built-in Speakers: 1.5W x 2
- User convenience: SmartImage, Volume, SmartPower, Menu, Power On/Off
- 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, Ukranian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7

Stand
- Tilt: -5/20 degree

Power
- ECO mode: 8 W (typ.)
- On mode: 16.2 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: <0.3 W (typ.)
- Off mode: <0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

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

Weight
- Product with stand (kg): 3.20 kg
- Product without stand (kg): 2.80 kg
- Product with packaging (kg): 4.82 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 %
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

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: CE Mark, FCC Class B, SEMKO, BSMI, GS, ERGO, TCO 6.0, WEEE, PSB, C-Tick, cETLus, TUV Ergo, TUV/GS, UKRAINIAN, CCC, CECP

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

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

* "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 for registration status in your country.
* Response time value equal to SmartResponse