Philips Brilliance
LCD monitor, LED
backlight

S Line
22" (55.9 cm)
1680 x 1050

220S4LSB

Sustainable productivity

with energy efficient LED display

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

Great performance
- LED technology ensures natural colours
- SmartContrast gives enhanced rich black details
- TrueVision ensures lab quality images

Sustainable Eco-design
- 0.1 watt Soft-Off mode
- SmartPower: Up to 50% power saving
- PVC-BFR free housing
- 100% recyclable packaging
- Zero mercury content

Easy to experience
- Screen tilts to your ideal, individualised viewing angle
- SmartControl for easy performance tuning
- Modern Touch controls
- SmartImage pre-sets for easy optimised image settings

PHILIPS

Highlights

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

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

With SmartContrast

Without 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.

TrueVision

TrueVision On

TrueVision Off

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.

PVC-BFR free housing

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

Zero mercury content

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.

SmartPower

SmartPower is an artificial intelligent technology which dynamically analyses 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

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 multi-level 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

Sustainability

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 selected models, we utilise >= 65% Post-Consumer Recycled plastics, ensuring reduction in waste. Strict adherence to RoHS standards ensures 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.

0.1 Watt Standby mode

0.1 watt Soft-Off mode

Touch controls

Touch controls are intelligent, touch-sensitive icons that replace protruding buttons to allow users to adjust the monitor to their requirements. Responding to the lightest touch, Touch control gives the monitor a modern feel.

Screen tilts

Screen tilts to your ideal, individualised viewing angle

LED

SmartImage™

TrueVision

Hg Free

SmartPower

SmartControl

0.1W Standby Mode

Touch control

TCO CERTIFIED

ENERGY STAR

Specifications

Connectivity

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

Picture/Display

- Panel Size: 22 inch/55.9 cm
- Aspect ratio: 16:10
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.282 x 0.282 mm
- Optimum resolution: 1680 x 1050 @ 60 Hz
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 473.76 (H) x 296.1 (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/Vista/XP
- User convenience: SmartImage, Brightness, SmartPower, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Control software: SmartControl Premium

Stand

- Tilt: -5/20 degree

Power

- ECO mode: 12.6 W (typ.)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: 0.1 W
- On mode: 15.09 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: 0.1 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

- Product with stand (mm): 504 x 434 x 207 mm
- Packaging in mm (W x H x D): 565 x 478 x 138 mm
- Product without stand (mm): 504 x 349 x 59 mm

Weight

- Product with packaging (kg): 6.27 kg
- Product with stand (kg): 4.45 kg
- Product without stand (kg): 3.38 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% to 80% %
- Temperature range (storage): -20°C to 60°C °C

Sustainability

- Environmental and energy: EnergyStar 7.0, TCO Certified, WEEE, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free
- Recycled material: 25%

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TUV Ergo, TUV/GS, UL/cUL

Cabinet

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