



Philips Brilliance
LCD monitor with
SmartImage

S Line
24" (61 cm)
WUXGA (1920 x 1200)

240S4QMB

Sustainable productivity

with energy efficient ergonomic LED display

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

Designed for people

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

Great performance

- SmartContrast gives enhanced rich black details
- Built-in stereo speakers for multimedia
- PLS LED wide-view technology for image and colour accuracy

Sustainable Eco-design

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

Easy to experience

- SmartControl for easy performance tuning
- SmartImage pre-sets for easy optimised image settings

PHILIPS

Highlights

PVC-BFR free housing

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

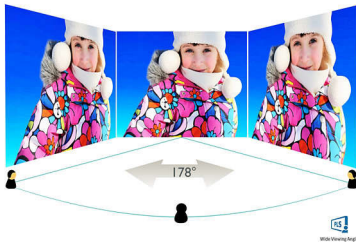
Zero mercury content

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

PLS technology



PLS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle - even in 90-degree Pivot mode! Unlike standard TN panels, PLS 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 that demand colour accuracy and consistent brightness at all times.

SmartContrast



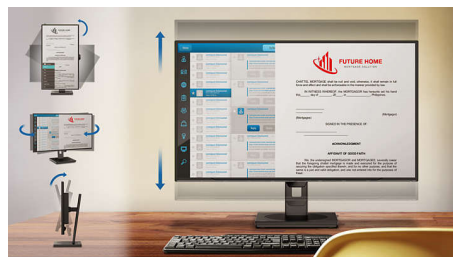
SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

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.

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to

ensure maximum comfort. The height-adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while 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.

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!



Hg Free



SmartPower



Wide Viewing Angle



Built-in Speaker



SmartErgo Base



SmartImage™



SmartControl



SmartErgo Base



Built-in Speaker

Specifications

Connectivity

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

Picture/Display

- Panel Size: 24 inch/61 cm
- Aspect ratio: 16:10
- LCD panel type: PLS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.270 x 0.270 mm
- Optimum resolution: 1920 x 1200 @ 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 (Grey to Grey)*
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 518.4 (H) x 324 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Convenience

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

Stand

- Height adjustment: 110 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

Power

- ECO mode: 17.3 W (typ.)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz

- Off mode: $\leq 0.2\text{ W}$ (typ.)
- On mode: 23.59 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: $\leq 0.3\text{ W}$ (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

- Packaging in mm (W x H x D): 615 x 487 x 180 mm
- Product without stand (mm): 555 x 388 x 65 mm
- Product with stand (max height): 555 x 543 x 227 mm

Weight

- Product with packaging (kg): 8.48 kg
- Product with stand (kg): 6.34 kg
- Product without stand (kg): 4.48 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: 40,000 hour(s)
- Relative humidity: 20%–80% %
- Temperature range (storage): -20°C to 60°C °C

Sustainability

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

Compliance and standards

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

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



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* Response time value equal to SmartResponse