

Philips Brilliance
LCD monitor

19" B-line

SXGA

Brilliance

19B1CS

Ergonomic business display enhances productivity

With features like SmartImage, Front Stereo Audio, USB port and Ergo base, the energy efficient 19B1 business display enhances your productivity

Sustainable Eco-friendly solution

- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials meet major International standards
- EPEAT Silver ensures lower impact on environment

Outstanding display performance

- SmartImage: Optimised user-friendly display experience
- SmartContrast: For incredible rich black details
- TrueVision: Laboratory quality display performance

Ergonomic design

- 70 mm height adjustment for ideal sitting position
- Tilt and swivel adjustment for the ideal viewing angle

Great convenience

- Built in stereo audio for multimedia experience
- USB port to enhance multimedia experience
- Hassle-free display performance tuning with SmartControl II

PHILIPS
sense and simplicity

Highlights

Built-in stereo audio

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.

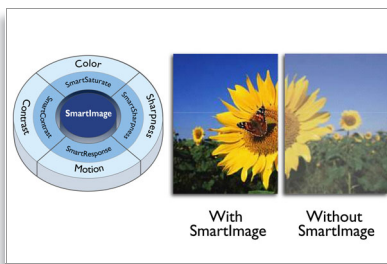
70 mm height adjustment

The Compact Ergo Base is a 'people-friendly' Philips monitor base that tilts, swivels and is height adjustable so each user can position the monitor for maximum viewing comfort and efficiency

Screen tilt and swivel

Screen tilt and swivel mechanism built into the base permits the monitor to swivel and tilt backwards or forwards.

SmartImage



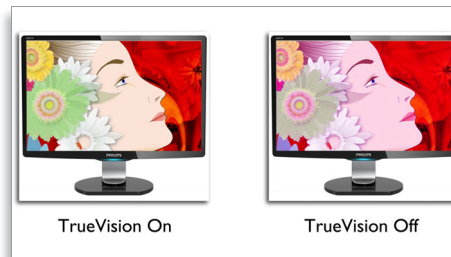
SmartImage is an exclusive leading-edge Philips technology that analyses the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, colour saturation and sharpness of images and videos for ultimate display performance - all in real time and at the press of a single button.

SmartControl II

SmartControl II is monitor-based software with an easy-to-use on-screen graphic

interface that guides you through fine-tuning resolution, colour calibration and other display settings including brightness, contrast, clock and phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

TrueVision



TrueVision is an industry leading, proprietary Philips testing and algorithm technology for the adjustment and fine-tuning of monitors, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements, for each monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of colour accuracy and display quality in every new monitor.

EPEAT Silver

The EPEAT (Electronic Product Environmental Assessment Tool) program helps purchasers evaluate, compare and select computer products such as monitors based on 51 environmental criteria supported by the US EPA. EPEAT certification ensures reduction in the use of toxic materials and hazardous waste and also ensures compliance with Energy Star. All Philips monitors are EPEAT-registered with

Silver tier, ensuring protection for human health and the environment, while also being more energy efficient and ensuring low emissions of climate-changing green house gases. You can read more about EPEAT at <http://www.epeat.net/>

Eco-friendly materials

With sustainability as a strategic driver of its business, Philips is committed to using eco-friendly materials across its new product range. Lead-free materials are used throughout. All body plastic parts, metal chassis parts and packing material use 100% recyclable material. A 50% reduction in mercury content in lamps has been achieved. We strictly adhere to RoHs standards, which ensure that all hazardous material is removed, and that only environmentally friendly material is used. You can read more about sustainability and Philips at <http://www.asimpleswitch.com/global/>

Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency programme also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards and which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1 Watt power consumption, whereas Philips monitors consume less than 0.5 Watts. Further details can be obtained from www.energystar.gov



Specifications

Picture/Display

- LCD panel type: TFT-LCD
- Aspect ratio: 5:4
- Panel Size: 19 inch/48 cm
- Viewing angle: 176° (H)/170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- Pixel pitch: 0.294 x 0.294 mm
- Brightness: 250 cd/m²
- SmartContrast: 25000:1
- Contrast ratio (typical): 800:1
- Response time (typical): 5 ms
- Optimum Resolution: 1280 x 1024 @ 60 Hz
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

Connectivity

- Signal Input: VGA (Analogue), DVI-D (digital, HDCP)
- USB: USB 2.0 x 1
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: Stereo Audio

Convenience

- Built-in Audio: 1 W x 2
- User convenience: SmartImage, Audio, Brightness, Menu, Auto, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese
- Other convenience: VESA mount (100 x 100 mm), Kensington lock
- Plug and Play Compatibility: DDC/CI, Windows 98/2000/XP/Vista, Mac OS X, sRGB

Stand

- Height adjustment: 70 mm
- Swivel: -45/45 degree
- Tilt: -5/20 degree

Power

- ECO mode: <16.5 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100-240 VAC, 50/60 Hz
- On mode: <18 W (EnergyStar 5.0 test method)
- Standby mode: <0.8 W
- Off mode: < 0.5 W

Dimensions

- Product with stand (mm): 442 x 404 x 201 mm
- Product without stand (mm): 350 x 404 x 68 mm
- Packaging in mm (WxHxD): 486 x 451 x 162 mm

Weight

- Product with stand (kg): 4.6 kg
- Product without stand (kg): 3.5 kg
- Product with packaging (kg): 6 kg

Operating conditions

- Temperature range (operation): 0 to 40 °C
- Temperature range (storage): -20 to 60 °C
- Relative Humidity: 20–80% %
- MTBF: 50,000 hour(s)

Sustainability

- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC, Class B, GOST, SEMKO, TCO '03, TUV Ergo, TUV/GS, UL/cUL

Cabinet

- Colour: Silver/Black
- Finish: Texture



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