Philips Brilliance
LCD widescreen monitor

22"w S-line
WSXGA+

Brilliance

220S1CB

Ergonomic display enhances productivity

With features like SmartImage, SmartContrast, SmartControl, TrueVision and Ergo base, the energy efficient 220S1 business display enhances your productivity.

Sustainable Eco-friendly solution
- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials meets major International standards
- EPEAT Silver ensures lower impact on environment
- Complies with RoHS standards to care for the environment

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

Ergonomic design
- 70mm height adjustment for ideal sitting position
- Tilt and swivel adjustment for an ideal viewing angle

Great convenience
- Dual input accepts both analog VGA and digital DVI signals
- Hassle-free display performance tuning with SmartControl II

PHILIPS

sense **and** simplicity

Highlights

Dual input

VGA connector   DVI connector

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.
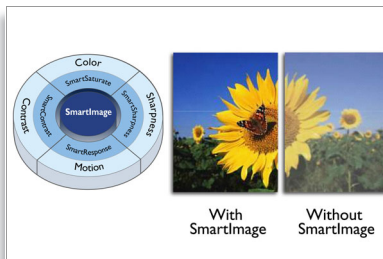
70mm height adjustment

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 is a mechanism built into the base permits the monitor to swivel and tilt backward or forward.

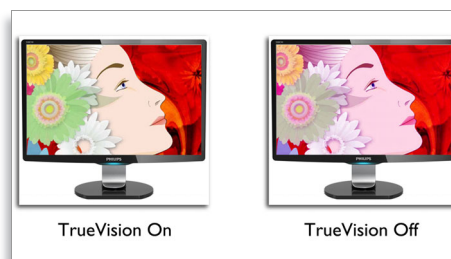## SmartImage

With SmartImage   Without SmartImage

SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on 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, color calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

TrueVision

TrueVision On   TrueVision Off

TrueVision is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color 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 like Monitors based on 51 environmental criteria supported by US EPA. EPEAT certification ensures reduction in 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 environment, while being more energy efficient ensuring low emissions of climate changing green house gases. You can read more about EPEAT @ http://www.epeat.net/

Eco-friendly materials

With sustainability as a strategic driver of its business, Philips is committed to use eco-friendly materials across its new product range. Lead-free materials are used across the range. All body plastic parts, metal chassis parts and packing material uses 100% recyclable material. 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 only environmentally friendly material is used. You can read more about sustainability and Philips @ http://www.asimpleswitch.com/global/

Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency program also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards 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 1watt power consumption, whereas Philips monitors consume less than 0.5watts. Further details can be obtained from www.energystar.gov

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Aspect ratio: 16:10
- Panel Size: 22 inch / 55.9 cm
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- Pixel pitch: 0.282 x 0.282 mm
- Brightness: 250 cd/m²
- SmartContrast: 25000:1
- Contrast ratio (typical): 1000:1
- Response time (typical): 5 ms
- Optimum Resolution: 1680 x 1050 @ 60Hz
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

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

Convenience
- User convenience: SmartImage, Brightness, Menu, Input, Auto, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese
- Other convenience: VESA mount (100x100mm), Kensington lock
- Plug & 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: <17.5W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz

- On mode: <20W (EnergyStar 5.0 test method)
- Standby mode: <0.5 W
- Off mode: < 0.5 W

Dimensions
- Product with stand (mm): 446 x 502 x 228 mm
- Product with stand in inch: 17.4 x 19.6 x 8.9 inch
- Product without stand (mm): 346 x 502 x 58 mm
- Product without stand in inch: 13.5 x 19.6 x 2.3 inch
- Packaging in mm (WxHxD): 480 x 562 x 168 mm
- Packaging in inch (WxHxD): 18.7 x 21.9 x 6.6 inch

Weight
- Product with stand (kg): 5.2 kg
- Product with stand (lb): 11.4 lb
- Product without stand (kg): 4.1 kg
- Product without stand (lb): 9.2 lb
- Product with packaging (kg): 6.9 kg
- Product with packaging (lb): 15.2 lb

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: 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 5.0, TUV/GS, TUV Ergo, UL/cUL

Cabinet
- Color: Black
- Finish: Texture