



Philips
LCD monitor with Touch
Control

54.6cm/21.5" E-line

Full HD

221E2SB1

Slim, attractive Full HD display offers great value

With a slim, attractive design this new generation 221E2 Full HD display with SmartContrast and SmartImage Lite is a great choice for all your needs

Great picture quality

- Full HD LCD display, 1920x1080p resolution
- 16:9 display for best widescreen gaming and video
- SmartContrast 500,000:1 for incredible rich black details
- SmartImage Lite for an enhanced LCD viewing experience

Design that complements any interior

- Slim design for modern looks
- Glossy finish to enhance your decor
- Modern Touch controls

Environmentally friendly green design

- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meets international standards

Great convenience

- Easy display performance tuning with SmartControl Lite
- Easy picture format control switching in wide and 4:3 format

PHILIPS
sense and simplicity

Highlights

Slim design

New range of Philips monitors use the latest new generation Slim CCFL or LED, thereby allowing designs to be much more slimmer than previous generation. Slim looks not only allow the monitors to look aesthetically pleasing, but also saves space on the desk!!

Full HD 1920x1080p LCD display

This display has a resolution that is referred to as Full HD. With state-of-the-art LCD screen technology it has the full high-definition widescreen resolution of 1920 x 1080p. It allows the best possible picture quality from any format of HD input signal. It produces brilliant flicker-free pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

16:9 widescreen aspect ratio

An aspect ratio is an expression of a video image's width compared to its height. The 16:9 widescreen aspect ratio is standard for universal to high-definition television and European digital television. A native 16:9 aspect ratio means outstanding game and video display without bars at top and bottom of the picture and without the quality loss than comes from scaling, altering an image to fit on a different screen size.

SmartImage Lite

SmartImage Lite is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage Lite 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.

SmartContrast ratio 500000:1



You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

Touch controls

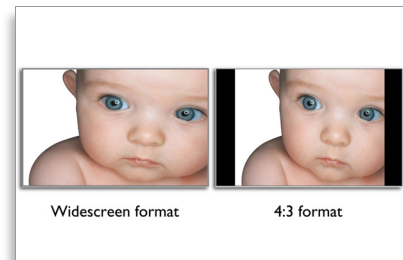
Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch, Touch control gives the monitor a modern feel

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 1 watt power consumption, whereas Philips monitors consume less than 0.5 watts. Further details can be obtained from www.energystar.gov

Easy picture format control



Philips easy picture format control on OSD is to switch from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content for working with wide documents without scrolling or viewing widescreen media in the widescreen mode and distortion-free, native mode display of 4:3 ratio content.

SmartControl Lite

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune most parameters of the monitor like Color, Brightness, screen calibration, Multi-media, ID management, etc with the mouse.



Specifications

Picture/Display

- LCD panel type: TFT-LCD
- Panel Size: 21.5 inch / 54.6 cm
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- SmartContrast: 500,000:1
- Pixel pitch: 0.248 x 0.248 mm
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Picture enhancement: SmartImage Lite
- 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 lite, Menu, Input, Auto, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC/CI, Mac OS X, Windows 7/Vista/XP/2000/98

Stand

- Tilt: -3/+12 degree

Power

- On mode: <21.5W (EnergyStar 5.0 test method)

- Standby mode: <0.5W
- Off mode: < 0.5 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: External

Dimensions

- Product with stand (mm): 376 x 526 x 188 mm
- Product without stand (mm): 370 x 526 x 42 mm
- Packaging in mm (WxHxD): 436 x 578 x 134 mm

Weight

- Product with stand (kg): 3.10 kg
- Product without stand (kg): 2.97 kg
- Product with packaging (kg): 4.36 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: 50,000 hour(s)

Sustainability

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

Compliance and standards

- Regulatory Approvals: CE Mark, FCC, Class B, GOST, BSMI, UL/cUL

Cabinet

- Color: Black/Black
- Finish: Glossy



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