



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

# 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 asthetically pleasing, but also saves space on the desk!!

## Full HD 1920x1080p LCD display

Enjoy crisp and crystal clear picture quality to give your audience a truly memorable visual experience. Your viewers will be treated to unsurpassed video, with an amazing color gamut and the sharpest pictures around.

## 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 1watt power consumption, whereas Philips monitors consume less than 0.5watts. Further details can be obtained from [www.energystar.gov](http://www.energystar.gov)

## Easy picture format control



Widescreen format

4:3 format

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/m<sup>2</sup>
- 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



Issue date 2017-07-07

Version: 3.0.2

12 NC: 8670 000 66735  
EAN: 87 12581 55902 1

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