



Philips
LCD monitor with
SmartTouch

- 56 cm/22" w E-line
- 1920x1080 Full HD

222E1SB

Full-HD display with SmartTouch controls

Enjoy more with this attractive 16:9 Full HD display! With SmartTouch controls, DVI and VGA inputs, Auto format, SmartContrast and Glossy finish, the 222E1 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
- 5ms fast response time
- SmartContrast 25000:1 for incredible rich black details

Design that complements any interior

- Glossy finish to enhance your decor
- Small footprint to blend into any lifestyle

Great convenience

- Dual input accepts both analog VGA and digital DVI signals
- Easy picture format control switching in wide and 4:3 format
- Stylish SmartTouch controls

Environmentally friendly green design

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

PHILIPS

Highlights

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.

5ms on/off response time

On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

SmartContrast ratio 25000:1



With SmartContrast



Without SmartContrast

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.

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.

Dual input



VGA connector



DVI connector

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

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.

SmartTouch controls

SmartTouch controls are intelligent, touch sensitive icons that replace protruding buttons. Responding to your lightest touch, SmartTouch controls, for example, power up your monitor or brighten and sharpen your display with SmartImage Lite. When activated, SmartTouch icons glow to indicate that your commands have been implemented.

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

Specifications

Picture/Display

- LCD panel type: TFT-LCD
- Panel Size: 21.5 inch / 54.61 cm
- Aspect ratio: 16:9
- Pixel pitch: 0.248 x 0.248 mm
- Brightness: 250 cd/m²
- SmartContrast: 25000:1
- Response time (typical): 5 ms
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- sRGB

Connectivity

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

Convenience

- User convenience: Brightness, Menu, Auto, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese, Turkish
- Other convenience: VESA mount (100x100mm), Kensington lock
- Plug & Play Compatibility: DDC/CI, Mac OS X, Windows 7/Vista/XP/2000/98, sRGB

Stand

- Tilt: -5/20 degree

Power

- On mode: <18.9W (EnergyStar 5.0 test method)
- Standby mode: <0.8W
- Off mode: <0.5 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz

Dimensions

- Product with stand (mm): 396 x 518 x 200 mm
- Packaging in mm (WxHxD): 395 x 580 x 133 mm
- Product without stand (mm): 319 x 518 x 57 mm

Weight

- Product with stand (kg): 4.08 kg
- Product without stand (kg): 3.78 kg
- Product with packaging (kg): 5.68 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: EPEAT Silver, RoHS, EnergyStar 5.0

Compliance and standards

- Regulatory Approvals: CE Mark, FCC, Class B, SEMKO, TCO 5.0, UL/cUL

Cabinet

- Color: Black
- Finish: Glossy



Issue date 2013-06-06

Version: 4.0.3

12 NC: 8670 000 56031
EAN: 87 12581 50355 0

© 2013 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips N.V.
or their respective owners.

www.philips.com