



Philips
LCD monitor

56 cm (22") w E-line
1920 x 1080 Full HD

220E1SB

Full HD 16:9 display with glossy design

Enjoy more with this Vista-ready Full HD 1080p quality display! The 220E1 comes with an attractive glossy finish and easy-to-use features — all in a budget-friendly package.

Great picture quality

- Full HD LCD display, 1920 x 1080p resolution
- 5 ms fast response time
- SmartContrast 25000:1 for incredible rich black details

Design that complements any interior

- Glossy finish to enhance your decor

Great convenience

- Easy picture format control switching between wide and 4:3 formats

PHILIPS

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
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Brightness: 250 cd/m²
- SmartContrast: 25000:1
- Response time (typical): 5 ms
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Display colours: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity

- Signal Input: VGA (Analogue)
- Sync Input: Composite Sync, Separate Sync, Sync on Green

Convenience

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

Stand

- Tilt: -5/20 degree



Power

- Power LED indicator: Operation - green, Standby/sleep - Amber
- Power supply: Built-in, 100-240 VAC, 50/60 Hz
- On mode: < 20.5 W (EnergyStar 5.0 test method)
- Off mode: < 0.5 W

Dimensions

- Product with stand (mm): 512 x 374 x 205 mm
- Product without stand (mm): 453 x 570 x 140 mm
- Packaging in mm (W x H x D): 570 x 453 x 140 mm

Weight

- Product with stand (kg): 4.4 kg
- Product without stand (kg): 4.04 kg
- Product with packaging (kg): 6.28 kg

Operating conditions

- Temperature range (operation): 0 - 40 °C
- Temperature range (storage): -20 - 60 °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, UL/cUL

Cabinet

- Colour: Black
- Finish: Glossy

Highlights

Full HD 1920 x 1080p 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 colour gamut and the sharpest pictures around.

5 ms 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 artefacts 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 black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

Easy picture format control



Widescreen format

4:3 format

Philips easy picture format control on OSD switches from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content; it allows you to work with wide documents without scrolling or viewing widescreen media in the widescreen mode and gives you distortion-free, native mode display of 4:3 ratio content.



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