Philips Brilliance
LCD monitor with USB,
2ms

56 cm (22") w C-line
Format 16:10

220C1SB

Stylish feature packed display for computainment

Stylish design and a host of smart features like SmartResponse and SmartImage elevates your viewing pleasure to new heights: Be it Gaming or Internet, the 220C1 is your best computainment choice.

Best picture quality
- SmartResponse of 2ms
- SmartContrast 30000:1 for incredible rich black details
- SmartImage: Optimized user-friendly display experience

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

Environmentally friendly green design
- TCO 5.0 guarantees the highest safety and ergonomic standard
- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meets international standards

Great convenience
- Dual input accepts both analog VGA and digital DVI signals
- Hassle-free display performance tuning with SmartControl II
- USB port for convenient peripheral connections

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Highlights

SmartResponse - 2ms
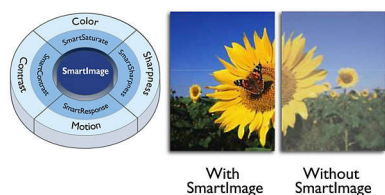
2ms GtG response time   > 2ms GtG response time

SmartResponse is a exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and movies which require faster response times in order to produce judder, time-lag and ghost image free images

SmartContrast ratio 30000:1

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

SmartImage

With SmartImage   Without SmartImage

SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface

allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

TCO 5.0 compliance

The new TCO 5.0 standard not only guarantees excellent picture quality and ergonomics, but also lowest energy consumption and minimal usage of environmentally hazardous substances. Stringent controls on Electrical and Magnetic Field Emissions are applied so that you can work safely. Plastics variety is limited and is coded for easy identification during recycling process, ensuring products have minimal climate and environmental impact during their lifecycle. Levels of chemicals that can affect users are also kept to a minimum. More about TCO certifications @http://www.tcodevelopment.com/

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

USB 2.0 port

USB port allows user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices which has USB connection available. The conveniently located USB 2.0 port on the monitor allows USB 2.0 signals to pass thru to the computer. Note that many devices like cameras and HDD may need to be powered On independently, as they have higher power requirements than the monitor USB port can provide

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.

Eco-friendly materials

"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely. Visit Philips @ http://www.asimpleswitch.com/global/ to learn more.

Glossy finish

An attractive, elegantly finished glossy finish that fits in with and complements your decor.

Specifications

Connectivity
- Signal Input: VGA (Analog), DVI-D
- USB: USB 2.0 x 1
- Sync Input: Separate Sync, Sync on Green

Picture/Display
- Panel Size: 22 inch / 55.9 cm
- Aspect ratio: 16:10
- LCD panel type: TFT-LCD
- Pixel pitch: 0.282 x 0.282 mm
- Optimum resolution: 1680 x 1050 @ 60 Hz
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- SmartContrast: 30000:1
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- SmartResponse: 2 ms (Gray to Gray)
- Scanning Frequency: 30 - 83 kHz (H) / 56 -75 Hz (V)
- sRGB

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

Stand
- Tilt: -5/+20 degree

Power
- ECO mode: <19W
- Power supply: Built-in, 100-240VAC, 50/60Hz
- Off mode: <0.5W
- On mode: 21.33W (EnergyStar 5.0 test method)
- Standby mode: <0.8W
- Power LED indicator: Operation - White, Standby/sleep-white (blinking)

Dimensions
- Product with stand (mm): 425 x 508 x 201 mm
- Packaging in mm (WxHxD): 482 x 562 x 130 mm
- Product without stand (mm): 344 x 508 x 69 mm

Weight
- Product with packaging (kg): 6.2 kg
- Product with stand (kg): 4.4 kg
- Product without stand (kg): 3.9 kg

Operating conditions
- Temperature range (operation): 0 to 40 °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20 to 60 °C

Sustainability
- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0

Compliance and standards
- Regulatory Approvals: CE Mark, FCC, Class B, SEMKO, UL/cUL

Cabinet
- Color: Black
- Finish: Glossy

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