Philips Brilliance
IPS LCD monitor, LED backlight

Blade 2
21.5" (54.6 cm)
Full HD display

229C4QHSB

Stunningly beautiful

Ultra Slim high-performance IPS display

The new Philips Blade 2 monitor with stylish, ultra slim design and wide view IPS display is ready for brilliant performance

Brilliant performance
- IPS LED wide view technology for image and colour accuracy
- HDMI-ready for Full HD entertainment
- SmartImage: Optimised user-friendly display experience
- SmartKolor for rich vibrant images
- SmartTxt for an optimised reading experience
- SmartContrast 20,000,000:1 for incredible rich black details

Design that complements any interior
- Modern Touch controls
- Stylish, ultra-slim design for modern looks
- Superb glossy finish with distinctive features

Greener every day
- Eco-friendly materials that meet international standards
- Energy Star for energy efficiency and low power consumption
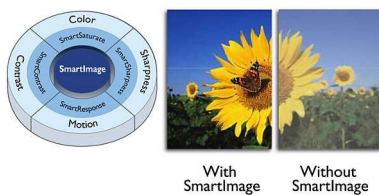
PHILIPS

Highlights

IPS technology

IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in 90-degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colours, making it ideal not only for Photos, films and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

SmartImage

With
SmartImage

Without
SmartImage

SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised 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 optimises the contrast, colour 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!

Stylish, ultra-slim design

The new range of Philips monitors uses the latest new-generation ultra-slim LED, thereby allowing designs to be much slimmer than previous generations. Slim looks not only allow
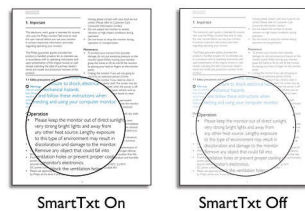
the monitors to look aesthetically pleasing, but also save space on the desk!!

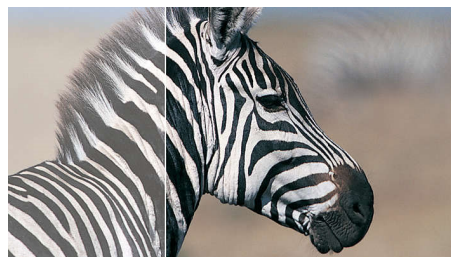## SmartKolor

SmartKolor On   SmartKolor Off

SmartKolor is a sophisticated colour extension technology that is able to enhance the visual colour range of the display. By boosting the RGB gain level of the display, you can achieve rich, vibrant images to experience outstanding photos and videos.

SmartTxt

SmartTxt On   SmartTxt Off

SmartTxt is a sophisticated algorithm that enhances reading of text-based applications such as PDF documents or ebooks, which usually require more focus and concentration.

SmartContrast ratio 20,000,000:1

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 black level and accurate rendition of

dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

HDMI Ready

HDMI-ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

Touch controls

Touch controls are intelligent, touch-sensitive icons that replace protruding buttons to allow users to adjust the monitor to their requirements. Responding to the lightest touch, Touch control gives the monitor a modern feel.

Eco-friendly materials

"Philips is committed to using 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 utilise up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures substantial reduction or elimination of toxic substances such as lead. 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."

Specifications

Connectivity

- Signal Input: VGA (Analogue), HDMI
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI audio out

Picture/Display

- Panel Size: 21.5 inch/54.6 cm
- Aspect ratio: 16:9
- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.248 x 0.248 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 475.2 (H) x 267.3 (V)
- Scanning Frequency: 30 - 83 kHz (H)/56 -75 Hz (V)
- sRGB
- SmartResponse (typical): 7 ms (Grey to Grey)

Convenience

- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP
- User convenience: Menu, Turbo, Power On/Off, Input, SmartImage
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock

Stand

- Tilt: -3/+15 degree

Power

- Power supply: External, 100–240 VAC, 50–60 Hz
- Off mode: <0.3 W
- On mode: 25 W (EnergyStar 5.0 test method)
- Standby mode: <0.3 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

- Product with stand (mm): 509 x 401 x 180 mm
- Packaging in mm (W x H x D): 565 x 533 x 139 mm
- Product without stand (mm): 509 x 316 x 34 mm

Weight

- Product with packaging (kg): 4.67 kg
- Product with stand (kg): 2.73 kg
- Product without stand (kg): 1.74 kg

Operating conditions

- Temperature range (operation): 0 to 40 °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%–80% %
- Temperature range (storage): -20 to 60 °C

Sustainability

- Environmental and energy: RoHS, EnergyStar 5.0, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TUV/ISO9241-307, UL/cUL, WEEE

Cabinet

- Finish: Glossy
- Foot: Black
- Front bezel: Black
- Rear cover: Black