

Philips
LCD monitor with
SmartControl Lite

V Line
21.5" (54.6 cm)

223V5QHSBR6



Great LED images in vivid colours

Enjoy vivid LED pictures on this Philips display. Equipped with SmartControl lite, it's a great choice!

Vivid pictures every time

- Easy display performance tuning with SmartControl Lite
- SmartContrast for rich black details
- AH-IPS display gives awesome images with wide viewing angles
- 16:9 Full HD display for crisp, detailed images

Experience multimedia

- HDMI-ready for Full HD entertainment

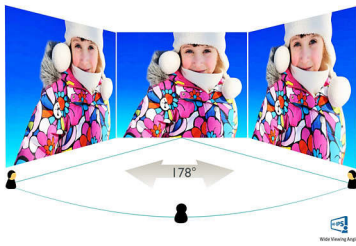
Great choice

- Compact design saves space
- Mercury Free eco-friendly display
- VESA mount allows for flexibility

PHILIPS

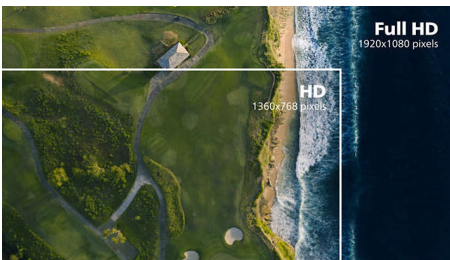
Highlights

AH-IPS technology



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

16:9 Full HD display



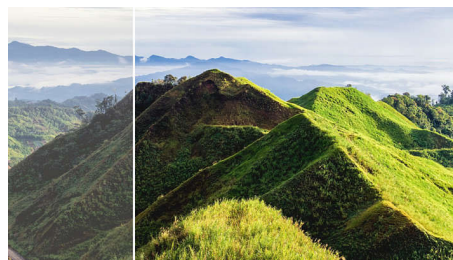
Picture quality matters. Regular displays deliver quality, but you expect more. This display

features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

SmartControl Lite

SmartControl Lite is the next generation 3D icon-based GUI monitor control software. This allows the user to fine-tune most parameters of the monitor like Colour, Brightness, screen calibration, Multimedia, ID management etc. with the mouse.

SmartContrast



SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

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).

Mercury Free

Philips monitors with LED backlighting are free from Mercury, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its lifecycle, from manufacturing to disposal.

Compact design saves space

Compact design saves space

VESA mount

VESA mount allows for flexibility



Specifications

Connectivity

- Signal Input: VGA (Analogue), HDMI (digital, HDCP)
- 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: AH-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: 10,000,000:1
- Response time (typical): 14 ms
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Effective viewing area: 476.64 (H) x 268.11 (V)
- Scanning Frequency: 30-83 kHz (H) / 56-76 Hz (V)
- sRGB
- SmartResponse (typical): 5 ms (GtG)

Convenience

- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8
- User convenience: Auto/Down, 4:3 Wide/Up, Brightness/Back, Menu/OK, Power On/Off
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)

Stand

- Tilt: -5/20 degree

Power

- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: 0.5 W (typ.)
- On mode: 16.93 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

- Product with stand (mm): 503 x 376 x 213 mm
- Packaging in mm (W x H x D): 555 x 414 x 107 mm
- Product without stand (mm): 503 x 316 x 50 mm

Weight

- Product with packaging (kg): 4.39 kg
- Product with stand (kg): 3.10 kg
- Product without stand (kg): 2.78 kg

Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%–80% %
- Temperature range (storage): -20°C to 60°C °C

Sustainability

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

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TCO Certified, TUV/ISO9241-307, cETLus, WEEE, CB, KUCAS

Cabinet

- Colour: Black
- Finish: Hairline (front bezel)/Texture (rear cover)



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Version: 2.0.1

EAN: 87 12581 73163 2

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* Smart response time is the optimum value from either GtG or GtG (BW) tests.