



Philips  
LCD monitor with LED  
backlight

**V Line**

20 (19.53"/49.6 cm diag.)

**200V4QSB**

## Great LED images in vivid colours

Enjoy vibrant MVA LED pictures with this attractive display. Equipped with SmartControl lite, it's a great choice!

### **Vivid pictures every time**

- MVA Display for wide viewing angles and deep contrast levels
- 16:9 Full HD display for the best viewing experience
- 16:9 Full HD display for crisp, detailed images
- SmartContrast for rich black details
- Easy display performance tuning with SmartControl Lite

### **Modern design**

- Attractive glossy design
- Small footprint saves space
- VESA mount allows for flexibility

### **Greener every day**

- Mercury Free eco-friendly display
- Energy Star for energy efficiency and low power consumption
- Low power consumption saves energy bills

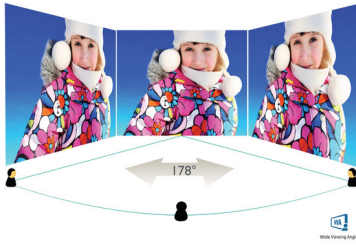
# PHILIPS

LCD monitor with LED backlight  
V Line 20 (19.53"/49.6 cm diag.)

200V4QSB/01

# Highlights

## MVA Display Technology



Philips' MVA LED display uses an advanced multi-domain vertical alignment technology that gives you super-high static contrast ratios for extra-vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178-degree extra-wide viewing angle, resulting in crisp images.

## 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.

## 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.



# Specifications

## Picture/Display

- LCD panel type: MVA
- Backlight type: W-LED system
- Panel Size: 19.53 inch / 49.6 cm
- Effective viewing area: 434.88 (H) x 238.68 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 20 ms
- SmartResponse (typical): 8 ms (Grey to Grey)
- Brightness (max.): 250 cd/m<sup>2</sup>
- SmartContrast: 10,000,000:1
- Contrast ratio (typical): 3000:1
- Pixel pitch: 0.23 x 0.22 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–76 Hz (V)
- sRGB

## Connectivity

- Signal Input: VGA (Analogue), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green

## Convenience

- User convenience: Auto/Down, 4:3 Wide/Up, Brightness/Back, Menu/OK, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish, Brazil Portuguese, Czech, Dutch, Finnish, Greek, Hungarian, Japanese, Korean, Polish, Swedish, Traditional Chinese, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8.1

## Stand

- Tilt: -5/20 degree

## Power

- On mode: 13.97 W (EnergyStar 7.0 test method)
- Standby mode: 0.5 W (typ.)

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

## Dimensions

- Product with stand (mm): 479 x 369 x 213 mm
- Product without stand (mm): 479 x 299 x 50 mm
- Packaging in mm (W x H x D): 535 x 389 x 131 mm

## Weight

- Product with stand (kg): 2.72 kg
- Product without stand (kg): 2.39 kg
- Product with packaging (kg): 3.79 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% %
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 30,000 hour(s)

## Sustainability

- Environmental and energy: EnergyStar 7.0, RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: WEEE, CCC, CE Mark, CECP, CEL, China RoHS, CU, EPA, ETL, FCC Class B, PSB, TCO Certified, TUV/ISO9241-307, UKRAINIAN

## Cabinet

- Colour: Black
- Finish: Glossy (front bezel)/Textured (rear cover)

## What's in the box?

- Monitor with stand
- Cables: VGA, Power
- User Documentation



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