PHILIPS

LCD monitor with SmartControl Lite

V Line

21.5" (54.6 cm)

223V5LSB2

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

- LED technology for vivid colours
- SmartContrast for rich black details
- 16:9 Full HD display for the best viewing experience
- Easy display performance tuning with SmartControl Lite

Great choice

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

Highlights

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

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.

16:9 Full HD

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

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.

LED SmartControl lite 10,000,000:1 SmartContrast 5ms Low Power Hg Free

Specifications

Picture/Display

LCD panel type: TFT-LCD
Backlight type: W-LED system
Panel Size: 21.5 inch/54.6 cm
Effective viewing area: 476.64 (H) x 268.11 (V)
Aspect ratio: 16:9
Optimum resolution: 1920 x 1080 @ 60 Hz
Response time (typical): 5 ms
Brightness: 200 cd/m²
SmartContrast: 10,000,000:1
Contrast ratio (typical): 600:1
Pixel pitch: 0.248 x 0.248 mm
Viewing angle: 90º (H)/65º (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)
Sync Input: Separate Sync

Convenience

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)
Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8

Stand

Tilt: –5/20 degree

Power

On mode: 15.3 W (typ.) (EnergyStar 7.0 test method)
Standby mode: 0.5 W
Off mode: 0.5 W
Power LED indicator: Operation – White, Standby mode – White (flashing)
Power supply: Built-in, 100-240 VAC, 50–60 Hz

Dimensions

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

Weight

Product with stand (kg): 2.61 kg
Product without stand (kg): 2.35 kg
Product with packaging (kg): 3.87 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, EPEAT Silver, RoHS, Lead-free, Mercury Free
Recyclable packaging material: 100 %

Compliance and standards

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

Cabinet

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