PHILIPS

LCD monitor with SmartControl Lite

V Line

23.6" / 59.9 cm

243V5LHSB

Great LED images in vivid colors

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

Vivid pictures every time

- LED technology for vivid colors
- 16:9 Full HD display for crisp detailed images
- SmartContrast for rich black details
- Easy display performance tuning with SmartControl Lite

Experience multimedia

- HDMI-ready for Full HD entertainment

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 LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

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 colors expect a true to life picture.

SmartControl Lite

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

SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors 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

HDMI-ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all 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 of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

LED   SmartControl lite   10,000,000:1 SmartContrast   HDMI HIGH DEFINITION MULTIMEDIA INTERFACE   Low Power   Hg Free

Specifications

Picture/Display

LCD panel type: TFT-LCD
Backlight type: W-LED system
Panel Size: 23.6 inch / 59.9 cm
Effective viewing area: 521.28 (H) x 293.22 (V)
Aspect ratio: 16:9
Optimum resolution: 1920 x 1080 @ 60 Hz
Response time (typical): 5 ms
SmartResponse (typical): 1 ms (Gray to Gray)
Brightness: 250 cd/m²
SmartContrast: 10,000,000:1
Contrast ratio (typical): 1000:1
Pixel pitch: 0.272 x 0.272 mm
Viewing angle: 170º (H) / 160º (V), @ C/R > 10
Display colors: 16.7 M
Scanning Frequency: 30 –83 kHz (H) / 56 –75 Hz (V)
sRGB

Connectivity

Signal Input: VGA (Analog), DVI-D (digital, HDCP), HDMI (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: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Swedish, Turkish, Traditional Chinese, Ukranian
Other convenience: Kensington lock, VESA mount (100x100mm)
Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8

Stand

Tilt: –5/20 degree

Power

On mode: 18.59 W (typ.) (EnergyStar 6.0 test method)
Standby mode: 0.5 W (typ.)
Off mode: 0.3 W (typ.)
Power LED indicator: Operation – White, Standby mode– White (blinking)
Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm): 551 x 420 x 220 mm
Product with stand in inch: 21.7 x 16.5 x 8.7 inch
Product without stand (mm): 551 x 344 x 52 mm
Product without stand in inch: 21.7 x 13.5 x 2.0 inch
Packaging in mm (WxHxD): 600 x 415 x 118 mm
Packaging in inch (WxHxD): 23.6 x 16.3 x 4.6 inch

Weight

Product with stand (kg): 3.66 kg
Product with stand (lb): 8.05 lb
Product without stand (kg): 3.22 kg
Product without stand (lb): 7.08 lb
Product with packaging (kg): 5.00 kg
Product with packaging (lb): 11.00 lb

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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF: 50,000 (Excluded backlight) hour(s)

Sustainability

Environmental and energy: EnergyStar 6.0, EPEAT Silver, RoHS, Lead-free, Mercury Free
Recyclable packaging material: 100 %

Compliance and standards

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

Cabinet

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

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