

Philips
LCD monitor with
SmartControl Lite

V Line
24 (23.8" / 60.5 cm diag.)

240V5QDAB



Great LED images in vivid colors

with stereo speakers

Enjoy vibrant pictures on this Philips display. Equipped with HDMI and stereo speakers, it's a great choice!

Vivid pictures every time

- Easy display performance tuning with SmartControl Lite
- SmartContrast for rich black details
- 16:9 Full HD display for crisp detailed images
- IPS-ADS wide-view technology for image and color accuracy

Experience multimedia

- Powerful sound with 2x2 watts RMS speakers
- HDMI-ready for Full HD entertainment

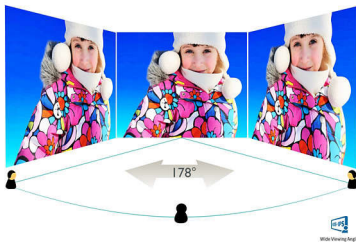
Great choice

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

PHILIPS

Highlights

IPS-ADS technology



IPS-ADS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS-ADS displays give you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color 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 colors expect a true to life picture.

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.

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.

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).

Built-in stereo speakers

Now you can enjoy all your multimedia and social applications with stereo sound. These built in speakers not only sound great, but also helps you to get rid of external wire clutter and save valuable desktop space.

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.

Compact design saves space

Compact design saves space

VESA mount

VESA mount allows for flexibility



Specifications

Connectivity

- Signal Input: VGA (Analog), DVI-D (digital, HDCP), HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display

- Panel Size: 23.8 inch / 60.5 cm
- Aspect ratio: 16:9
- LCD panel type: IPS-ADS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.2745 x 0.2745 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 10,000,000:1
- Response time (typical): 5 ms (GtG)*
- Viewing angle: 178° (H) / 178° (V), @ C/R >= 10
- Effective viewing area: 527.04 (H) x 296.46 (V)
- Scanning Frequency: 30 -83 kHz (H) / 56 -76 Hz (V)
- sRGB

Convenience

- Built-in Speakers: 2W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8.1
- User convenience: Power On/Off, Menu/OK, Brightness/Back, Volume/Up, Auto/Down
- 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, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)

Stand

- Tilt: -5/20 degree

Power

- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: 0.5 W (typ.)
- On mode: 19.23 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

- Product with stand (mm): 553 x 420 x 219 mm
- Packaging in mm (WxHxD): 600 x 415 x 118 mm
- Product without stand (mm): 553 x 343 x 55 mm

Weight

- Product with packaging (kg): 5.36 kg
- Product with stand (kg): 4.09 kg
- Product without stand (kg): 3.69 kg

Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 50,000 (Excluded backlight) hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

Sustainability

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

Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, TCO Certified, cETLus, TUV/ISO9241-307, BSMI, PSB, C-tick, UKRAINIAN, EPA

Cabinet

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



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* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

* HDMI cables vary depending on region and models.

* Response time value equal to SmartResponse