



Philips Brilliance
LED-backlit LCD monitor

P Line

24 (23.8"/60.5 cm diag.)
Full HD (1920 x 1080)

241P6QPJKES

Brilliant performance from every angle

with a full HD AH-IPS display

The Philips PowerSensor AH-IPS LED display with Webcam helps you collaborate and communicate, saving you time and money.

Brilliant performance

- SmartImage pre-sets for easy optimised image settings
- AH-IPS display for brilliant images with vivid colours
- Less eye fatigue with Flicker-Free technology

Designed for people

- SmartErgoBase enables user-friendly ergonomic adjustments

Sustainable Eco-design

- PowerSensor saves up to 80% energy costs
- LightSensor for the perfect brightness with minimal power

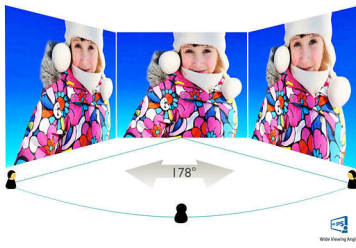
Easy to experience

- MHL technology for enjoying mobile content on a big screen
- Built-in stereo speakers for multimedia
- DisplayPort connection for maximum visuals
- Webcam with mic to connect and collaborate
- USB 3.0 Hub for convenient access and fast charging

PHILIPS

Highlights

AH-IPS technology



This latest Philips display uses advanced AH-IPS panels, resulting in superior colour reproduction, response time and power consumption. Unlike standard TN panels, AH-IPS panels show consistent colour even at 178-degree wide angles and in pivot mode. With remarkable performance, AH-IPS is best suited for applications demanding colour accuracy and consistent brightness at all times, such as photo retouching, graphics applications and web browsing.

Flicker-Free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

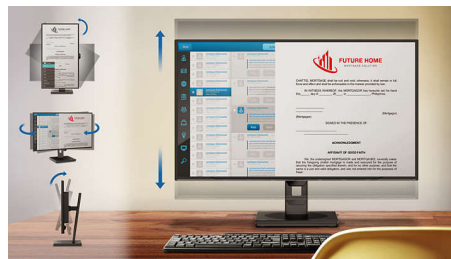
SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed

on your screen and optimises your display performance. This user-friendly interface allows you to select various modes, like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height-adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

Built-in stereo speakers



A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

Webcam

Embedded webcam and microphone enables you to view and communicate with your

colleagues and clients. This simple solution allows you to collaborate and share, saving precious time and travel-related costs.

USB 3.0 Hub with FastCharge

Super Speed USB 3.0 deploys 5.0 gbit/s transfer rate, which is about 10 times faster than USB 2.0 standard, significantly reducing data transfer time to save you time and money. With more bandwidth, super speed transfer rates, better power management and superior overall performance, USB 3.0 sets the latest global standard and allows you to use large capacity storage devices. Now you don't have to wait so long for devices to charge. New FastCharge enables quick charging to charge and go. USB 3.0 is also backward compatible with USB 2.0 devices.

MHL technology



Mobile High-Definition Link (MHL) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays. An optional MHL cable allows you to simply connect your MHL-capable mobile device to this large Philips MHL display and watch your HD videos come to life with full digital sound. Now not only can you enjoy your mobile games, photos, movies or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power halfway.



Specifications

Connectivity

- Signal Input: VGA (Analogue), DVI-D (digital, HDCP), DisplayPort x 1, MHL-HDMI (digital, HDCP)
- USB: USB 3.0 x 3 (1 w/fast charging)*
- 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: AH-IPS 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 colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms (Grey to Grey)*
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 527.04 (H) x 296.46 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB
- MHL: 1080P @ 60 Hz

Convenience

- Built-in Speakers: 2 W x 2
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7
- User convenience: SmartImage, Volume, PowerSensor, Menu, 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)
- Control software: SmartControl Premium
- Built-in webcam: 2.0 megapixel camera with microphone and LED indicator

Stand

- Height adjustment: 130 mm
- Pivot: 90 degree
- Swivel: -175/+175 degree
- Tilt: -5/20 degree

Power

- ECO mode: 14.8 W (typ.)

- Power supply: 100–240 VAC, 50–60 Hz, Built-in
- Off mode: Zero watts with AC switch
- On mode: 18.27 W (EnergyStar 6.0 test method)
- Standby mode: < 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

- Packaging in mm (W x H x D): 619 x 525 x 184 mm
- Product without stand (mm): 563 x 363 x 53 mm
- Product with stand (max height): 563 x 523 x 257 mm

Weight

- Product with packaging (kg): 9.13 kg
- Product with stand (kg): 6.47 kg
- Product without stand (kg): 3.98 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: PowerSensor, LightSensor, EnergyStar 6.0, TCO Certified Edge, RoHS
- Post-consumer recycled plastic: 65%
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free

Compliance and standards

- Regulatory Approvals: CE Mark, cETLus, FCC Class B, SEMKO, TUV Ergo, TUV/GS, WEEE, CCC, CECP, CU-EAC, EPA, E-standby, ICES-003, J-MOSS, KC, PSB, PSE

Cabinet

- Finish: Texture
- Foot: Black
- Front bezel: Silver
- Rear cover: Black

What's in the box?

- Cables: VGA, DVI, DP, Audio, USB, Power
- Monitor with stand
- User Documentation



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* This Philips display is MHL-certified. However, if your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for instructions. The policy of your device manufacturer may require you to purchase its brand-specific MHL cable or adapter in order for it to work

* Requires optional MHL-certified mobile device and MHL cable (not included). Please check with your MHL device vendor for compatibility.

* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality

* For a complete list of MHL-enabled products, refer to www.mhlconsortium.org

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

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

* Response time value equal to SmartResponse