Philips Brilliance
LED-backlit LCD monitor
with PowerSensor

P Line
24 (Viewable 23.8" / 60.5 cm)
Full HD (1920 x 1080)

Brilliance

241P6QPJKEB

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
- AH-IPS display for brilliant images with vivid colors
- Less eye fatigue with Flicker-free technology
- SmartImage presets for easy optimized image settings

Designed for people
- SmartErgoBase enables people-friendly ergonomic adjustments

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

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

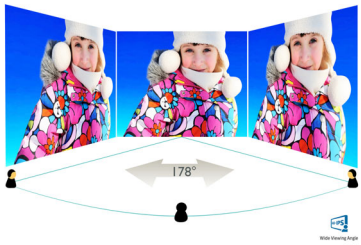
PHILIPS

LED-backlit LCD monitor with PowerSensor
P Line 24 (Viewable 23.8" / 60.5 cm), Full HD (1920 x 1080)

241P6QPJKEB/93

Highlights

AH-IPS technology

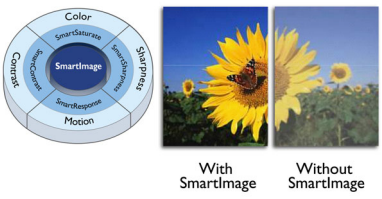


This latest Philips display uses advanced AH-IPS panels resulting in superior color reproduction, response time and power consumption. Unlike standard TN panels, AH-IPS panels show consistent color even at 178 degrees wide angles and in pivot mode. With remarkable performance, AH-IPS is best suited for applications demanding color accuracy and consistent brightness at all times like 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 analyzes the content displayed on your screen and gives you optimized 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 optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

SmartErgoBase

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; 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. It can 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 saving 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 allowing you to use the 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 you can 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 half way.

LightSensor

LightSensor uses a smart sensor to adjust the picture brightness depending on the room light conditions for the perfect picture with minimal power usage.

PowerSensor | LightSensor | Wide Viewing Angle | Wide Viewing Angle | Flicker-free | SmartErgoBase | Built-in Speakers | Webcam | SmartConnect

LED-backlit LCD monitor with PowerSensor
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Specifications

Picture/Display
- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Panel Size: 23.8 inch / 60.5 cm
- Effective viewing area: 527.04 (H) x 296.46 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Response time (typical): 5 ms (Gray to Gray)*
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000 :1
- Pixel pitch: 0.2745 x 0.2745 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- MHL: 1080P @ 60Hz
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D (digital, HDCP), DisplayPort, MHL-HDMI (digital, HDCP)
- USB: USB 3.0x3 (1 w/fast charging)*
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Convenience
- Built-in Speakers: 2 W x 2
- Built-in webcam: 2.0 megapixel camera with microphone and LED indictor
- User convenience: SmartImage, Volume, PowerSensor, Menu, Power On/Off
- Control software: SmartControl Premium
- 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, Ukranian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7

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

Power
- ECO mode: 14.8 W (typ.)
- On mode: 18.27 W (EnergyStar 6.0 test method)
- Standby mode: < 0.3 W (typ.)
- Off mode: Zero watts with AC switch
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: 100-240VAC, 50-60Hz, Built-in

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

Weight
- Product with stand (kg): 6.47 kg
- Product without stand (kg): 3.98 kg
- Product with packaging (kg): 9.13 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: PowerSensor, LightSensor, EnergyStar 6.0, EPEAT Gold*, TCO edge, RoHS
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 65%
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

Compliance and standards
- Regulatory Approvals: CCC, CE Mark, cETLus, FCC Class B, SEMKO, TCO 6.0, TUV Ergo, TUV/GS, WEEE, CECP, CU-EAC, EPA, E-standby, ICES-003, J-MOSS, KC, PSB, PSE

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

Issue date 2016-03-04

Version: 7.0.1

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EAN: 69 51613 90544 9

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* This Philips display is MHL certified. However, in case your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for direction. The policy of your device manufacturer may require you to purchase their brand specific MHL cable or adapter in order 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 complete list of MHL-enabled products refer to www.mhlconsortiun.org
* "AH-IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.
* Response time value equal to SmartResponse