



Philips Brilliance
LED backlit LCD monitor
with PowerSensor

P-line

22 (Viewable 21.5" / 54.6 cm)
Full HD (1920 x 1080)

Brilliance

221P6QPYES



Brilliant performance from every angle

with a full HD AH-IPS display

The Philips PowerSensor AH-IPS LED display using 65% post consumer recycled plastics and PVC, BFR-free housing is ideal for eco-friendly productivity

Brilliant performance

- AH-IPS LED gives 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
- Low bezel-to-table height for maximum reading comfort

Easy to experience

- Built-in stereo speakers for multimedia
- USB 3.0 Hub for convenient access and fast charging
- DisplayPort connection for maximum visuals

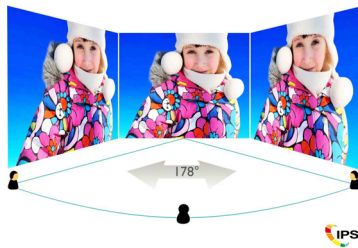
Sustainable Eco-design

- LightSensor optimizes picture quality
- PowerSensor saves up to 80% energy costs
- 65% post consumer recycled plastics with TCO Edge

PHILIPS

Highlights

AH-IPS technology



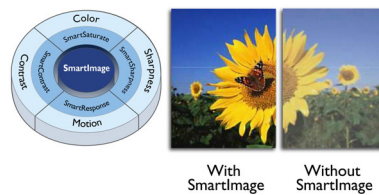
This latest Philips display uses advanced AH-IPS panels utilizing improved structure resulting in superior color reproduction, response time and power consumption compared to other wide view angle panels. Unlike standard TN panels, AH-IPS panels exhibit least amount of Gamma fluctuation and therefore are able to show consistent color even at 178/178 degrees and in pivot mode. With remarkable performance, it 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



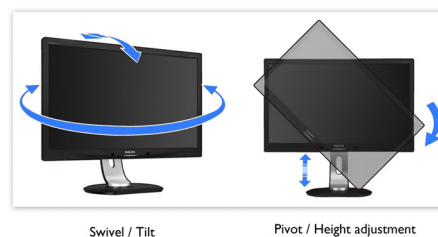
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

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.

Low bezel-to-table height



The Philips monitor, thanks to its advanced SmartErgoBase, can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.

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.

USB Hub

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. Sync-N-Go technology ensures you don't have to wait anymore for bandwidth to be freed up. Your investment in USB 2.0 devices is protected as it is backward compatible.

LightSensor

Light Sensor uses a sensor to adjust the picture brightness depending on the room ambient light conditions for an optimized picture.



Specifications

Picture/Display

- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Panel Size: 21.5 inch / 54.6 cm
- Effective viewing area: 476.06 (H) x 267.79 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Response time (typical): 14 ms
- SmartResponse (typical): 5 ms (Gray to Gray)
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000 :1
- Pixel pitch: 0.248 x 0.248 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)
- sRGB

Connectivity

- Signal Input: DisplayPort, DVI-D (digital, HDCP), VGA (Analog)
- USB: USB 3.0 x 4 + faster charger
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Convenience

- Built-in Speakers: 2 W x 2
- 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, Ukrainian
- 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: 13.4 W (typ.)
- On mode: 15.45 W (typ.) (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 (mm): 511 x 488 x 257 mm
- Product without stand (mm): 511 x 319 x 52 mm
- Packaging in mm (WxHxD): 565 x 493 x 184 mm

Weight

- Product with stand (kg): 5.60 kg
- Product without stand (kg): 3.10 kg
- Product with packaging (kg): 7.94 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: BSMI, CE Mark, cETLus, FCC Class B, GOST, SASO, SEMKO, TCO 6.0, TUV Ergo, TUV/GS, WEEE

Cabinet

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



Issue date 2014-09-20

Version: 2.0.1

12 NC: 8670 001 16281
EAN: 87 12581 72453 5

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* EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

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