



Philips Brilliance  
LED-backlit LCD monitor

**P Line**  
19" (48.3 cm)  
1280 x 1024

**Brilliance**

**19P4QYEB**



## Brilliant performance from every angle

with a wide-view IPS-ADS display

The Philips ergonomic display, which uses 25% recycled materials and PVC, BFR-free housing, is ideal for eco-friendly productivity.

### **Brilliant performance**

- IPS-ADS wide-view technology for image and colour accuracy
- Less eye fatigue with Flicker-Free technology

### **Designed for people**

- SmartErgoBase enables user-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort
- Built-in stereo speakers for multimedia

### **Easy to experience**

- SmartImage presets for easy optimised image settings
- USB Hub with four ports for easy connections
- DisplayPort connection for maximum visuals

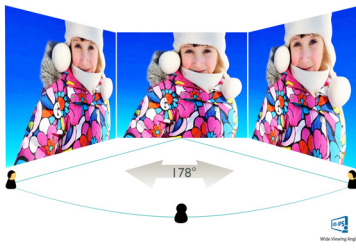
### **Sustainable Eco-design**

- 25% recycled material with EPEAT Gold
- PVC-BFR free housing
- 100% recyclable packaging

**PHILIPS**

# Highlights

## IPS-ADS technology



IPS-ADS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, 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 colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

## 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.

## SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and

provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, cable management reduces cable clutter and keeps the workspace neat and professional.

## Low bezel-to-table height

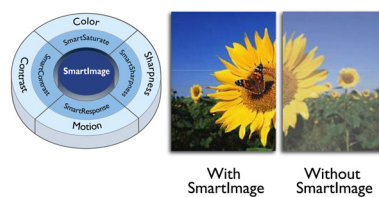


Thanks to its advanced SmartErgoBase, the Philips monitor can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows users of different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

## 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.

## 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!

## Four Ports USB 2.0 HUB

USB Hub allows user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices which have USB connection available. The conveniently located USB 2.0 Hub on the monitor allows USB 2.0 signals to pass through to the computer. Note that many devices like cameras and HDD may need to be powered On independently, as they have higher power requirements than the monitor USB Hub can provide.

## DisplayPort connection



DisplayPort

DisplayPort is a digital link from PC to monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15 metre cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates — making DisplayPort the best choice for not only general office or home use, but also for the more demanding gaming and films, video editing and more. It also keeps interoperability in mind via the use of various adapters.



# Specifications

## Picture/Display

- LCD panel type: IPS-ADS LCD
- Backlight type: LED system
- Panel Size: 19 inch/48.3 cm
- Effective viewing area: 374.78 (H) x 299.83 (V)
- Aspect ratio: 5:4
- Optimum resolution: 1280 x 1024 @ 60 Hz
- Response time (typical): 14 ms
- SmartResponse (typical): 5 ms (Grey to Grey)
- Brightness: 250 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.293 x 0.293 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colours: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

## Connectivity

- Signal Input: DisplayPort 1.2, DVI-D (digital, HDCP), VGA (Analogue)
- USB: USB 2.0 x 4
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Headphone out, PC audio-in

## Convenience

- Built-in Speakers: 1.5 W x 2
- User convenience: SmartImage, Volume, Input, 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 (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7

## Stand

- Height adjustment: 130 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

## Power

- ECO mode: 10 W (typ.)

- On mode: 14.7 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.3 W (typ.)
- Off mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: 100-240 VAC, 50-60 Hz, Built-in

## Dimensions

- Product with stand (mm): 404 x 513 x 220 mm
- Product without stand (mm): 404 x 346 x 61 mm
- Packaging in mm (W x H x D): 465 x 400 x 280 mm

## Weight

- Product with stand (kg): 5.25 kg
- Product without stand (kg): 3.12 kg
- Product with packaging (kg): 7.15 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

## Sustainability

- Environmental and energy: EnergyStar 6.0, EPEAT Gold\*, RoHS
- Recyclable packaging material: 100 %
- Recycled material: 25%
- Specific Substances: PVC/BFR free housing, Mercury free, Lead free

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, SEMKO, BSMI, GS, TCO 6.0, WEEE, PSB, C-tick, cETLus, TUV Ergo, TUV/GS, CECP, CEL

## Cabinet

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

## What's in the box?

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



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