



Philips Brilliance  
LCD widescreen monitor

61 cm (24") wide  
WUXGA

**Brilliance**

**240PW9ES**



## Professional display with excellent performance

With high resolution, legible text size, a larger viewing area and the widest colour range up to 102% for natural and accurate colour reproduction, this Philips 240PW9 boosts your business productivity — and is ready for upgrade to Windows Vista.

### **Outstanding front of screen performance**

- Display for Natural, Accurate colour reproduction
- SmartImage: Optimised user-friendly display experience
- SmartContrast: For incredible rich black details
- DVI-D input and HDCP support

### **Eco-friendly design**

- The green design conserves resources and reduces operating costs

### **Designed for maximum productivity**

- Extra wide view display: 178 degree angle for image accuracy
- 90-degree screen rotation and smart cable management
- 1920 x 1200 resolution: ideal for two A4 pages side by side

### **Great convenience**

- Easy picture format control switching between wide and 4:3 formats
- Hassle-free display performance tuning with SmartControl II
- Dual input accepts both analogue VGA and digital DVI signals

**PHILIPS**

# Highlights

## SmartImage

SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised display performance. This user-friendly interface allows you to select various modes like Office, Image, Entertainment, 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 with the press of a single button!

## WideColor (102%)

WideColor is an LCD monitor that puts powerful, enhanced wide colour gamut cold cathode fluorescent lamp back lighting and superior processing to work to expand the colour range from the 72% of the NTSC colour gamut reproduced by standard LCD panels to 102% or above, dramatically improving colour purity and saturation to display natural, brilliant colour.

## SmartContrast

SmartContrast is a Philips technology that analyses the contents you are displaying,

automatically adjusting colours 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 II

SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, colour calibration and other display settings including brightness, contrast, clock and phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

## Easy picture format control

Philips easy picture format control on OSD switches from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content; it allows you to work with wide documents without scrolling or viewing widescreen media in the widescreen mode and gives you distortion-free, native mode display of 4:3 ratio content.

## Eco-friendly design

Eco-friendly design is based on environmentally conscious engineering of a display device to minimise power consumption, reduce packing materials and eliminate hazardous materials. Being at the forefront of sustainability and with our longstanding commitment to reduce the environmental impact of our products, we enable consumers to make simple, responsible choices about the products they buy and the impact they have before, during and at the end of their life cycle.

## Super Ergo Base

The Super Ergo base is a monitor base that delivers ergonomic display comfort and provides intelligent 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 working day; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.

## Extra wide viewing angle

The widest viewing angle up to 178 degree provides the clearest display from any angle.



# Specifications

## Picture/Display

- Display screen type: LCD-IPS
- Panel Size: 24"/61.1 cm
- Optimum resolution: 1920 x 1200 @ 60 Hz
- Maximum Resolution: 1920 x 1200 @ 60 Hz
- Display colours: 16.7 M
- Aspect ratio: 16:10
- Brightness: 400 cd/m<sup>2</sup>
- SmartContrast ratio (dynamic): 3000:1
- Contrast ratio (typical): 1000:1
- Wide Colour Gamut display: 102% NTSC Colour Gamut
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Response time (typical): 5 ms
- White Chromaticity, 6500K: x = 0.313/y = 0.329
- White Chromaticity, 9300K: x = 0.283/y = 0.297
- Effective viewing area: 518.4 mm x 324 mm
- Horizontal Scanning Frequency: 24 - 94 KHz
- Vertical Scanning Frequency: 48-85 Hz
- Pixel pitch: 0.270 x 0.270 mm
- sRGB

## Connectivity

- Signal Input: VGA (Analogue), DVI-D
- USB: USB 2.0 x 1
- Sync Input: Composite Sync, Separate Sync, Sync on Green

## Convenience

- User convenience: SmartControl II, SmartManage enabled, Picture format selection, On-screen Display
- Monitor Controls: Auto (Back), Brightness (Up), Input, Input (Down), Menu (OK), Power On/Off, SmartImage
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista

- Pivot: 90° (clockwise)
- Regulatory approvals: CE Mark, Energy Star, FCC Class B, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL
- Height Adjustment: 130 mm
- Swivel: +/- 45°
- Tilt: -5° to 20°
- Other convenience: Kensington lock compatible
- VESA Mount: 100 x 100 mm

## Dimensions

- Set dimensions with stand (W x H x D): 559 x 435 x 220 mm
- Set dimensions with stand in inch (W x H x D): 22 x 17.13 x 8.7 inch
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Set dimensions (W x H x D): 559 x 381 x 75 mm
- Set dimensions in inch (W x H x D): 22 x 15 x 2.95 inch
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Box dimensions (W x H x D): 490 x 753 x 277 mm
- Box dimensions in inch (W x H x D): 19.29 x 29.65 x 10.9 inch
- Product weight (+stand): 8.12 kg
- Product weight (+stand) (lb): 17.9 lb
- Weight incl. Packaging: 10 kg
- Weight incl. Packaging (lb): 22

## Power

- Consumption (On mode): < 90 W (typical)
- Consumption (economy mode): 45 W
- Consumption (Off Mode): < 1 W
- Complies with: Energy Star
- Power LED indicator: Operation - Blue, Standby/sleep-blue (flashing)
- Power supply: Built-in, 100-240 VAC, 50/60 Hz



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