Professional display with excellent performance

With high resolution, legible text size, a larger viewing area widest color range up to 102% for natural and accurate color reproduction. This Philips 240PW9 boots your business productivity - and is ready for upgrade to Windows Vista.

Outstanding front of screen performance
- SmartContrast: For incredible rich black details
- Display for Natural, Accurate color reproduction
- SmartImage: Optimized user-friendly display experience
- DVI-D input and HDCP support

Great convenience
- Dual input accepts both analog VGA and digital DVI signals
- Easy picture format control switching in wide and 4:3 format
- Hassle-free display performance tuning with SmartControl II

Eco-friendly design
- Green design conserves resources and reduces operating costs

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

PHILIPS

Highlights

SmartImage

With SmartImage / Without 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, Image, Entertainment, 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!

WideColor(102%)

With WideColor / Without WideColor

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

WUXGA, 1920 x 1200 resolution

Wide format of Ultra Extended Graphics Array, a display specification that is capable of displaying 1920 x 1200 resolution, or approximately 2.3 million pixels.

SmartContrast

With SmartContrast / Without SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors 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.
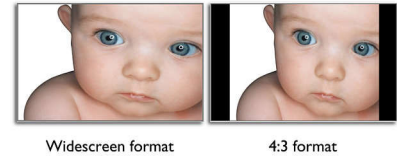
Dual input

VGA connector / DVI connector

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

SmartControl II

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

Easy picture format control

Widescreen format / 4:3 format

Philips easy picture format control on OSD is to switch from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content for working with wide documents without scrolling or viewing widescreen media in the widescreen mode and 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 minimize 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 workday; 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 angles.

SmartImage™ · Wide Color Gamut · SmartContrast · DualInput · SmartControl · 4:3 ⇌ wide · SmartErgo Base · Wide Viewing Angle · HDCP ready

Specifications

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

Picture/Display
- Panel Size: 24" / 61.1 cm
- Aspect ratio: 16:10
- Pixel pitch: 0.270 x 0.270 mm
- Optimum resolution: 1920 x 1200 @ 60Hz
- Brightness: 400 cd/m²
- Display colors: 16.7 M
- Wide Color Gamut display: 102% NTSC Color Gamut
- Contrast ratio (typical): 1000 : 1
- SmartContrast ratio (dynamic): 3000:1
- Response time (typical): 5 ms
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Horizontal Scanning Frequency: 24 - 94 KHz
- Vertical Scanning Frequency: 48 - 85 Hz
- Maximum Resolution: 1920 x 1200 @ 60Hz
- Effective viewing area: 518.4 mm x 324 mm
- Display screen type: LCD-IPS
- sRGB
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297

Convenience
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista
- User convenience: SmartControl II, SmartManage enabled, Picture format selection, On-screen Display
- Pivot: 90° (clockwise)
- Monitor Controls: Auto (Back), Brightness (Up), Input, Input (Down), Menu (OK), Power On/Off, SmartImage
- Regulatory approvals: CE Mark, Energy Star, FCC Class B, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese
- Other convenience: Kensington lock compatible
- Swivel: +/- 45°
- Tilt: -5° to 20°
- Height Adjustment: 130 mm
- VESA Mount: 100 x 100 mm

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

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