Philips Brilliance
LCD widescreen monitor

24" wide
WUXGA

Brilliance

240PW9EB

SmartImage

Wide Color Gamut

VGA dvi DualInput

SmartErgoBase

SmartContrast

USBConnectivity

Wide Viewing Angle

HDCP ready

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
• Display for Natural, Accurate color reproduction
• SmartImage: For an optimized display experience
• SmartContrast: Dynamic,optimized contrast for visual clarity
• DVI-D input and HDCP support

Eco-friendly design
• 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
• Auto picture format control switching in wide and 4:3 format
• Hassle-free display performance tuning with SmartControl II
• Dual input accepts both analog VGA and digital DVI signals

PHILIPS
sense and simplicity

LCD widescreen monitor
24" wide WUXGA

Specifications

Picture/Display

- Display screen type: LCD-IPS
- Panel Size: 24" / 61.1 cm
- Recommended Resolution: 1920 x 1200 @ 60Hz
- Maximum Resolution: 1920 x 1200 @ 60Hz
- Display colors: 16.7 M
- Aspect ratio: 16:10
- Brightness: 400 cd/m²
- Contrast ratio (typical): 1000 : 1
- SmartContrast ratio (dynamic): 3000:1
- Wide Color Gamut display: 102% NTSC Color Gamut
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- Response time (typical): 5 ms
- 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: Analog (VGA), DVI-D
- USB: 1 x USB 2.0
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green

Convenience

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

Product highlights

SmartImage

SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

WideColor(102%)

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.

SmartContrast

SmartContrast is 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 optimum contrast for more entertainment fun when viewing videos or playing games where dark hues are displayed; when you select the Economy mode, 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, color calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

Auto picture format control

Philips auto 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

Green design is based on environmentally conscious engineering of a display device to minimize power consumption, reduce packing materials and eliminate environmentally sensitive materials.

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.

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