



Philips
LCD widescreen monitor

24" wide

WUXGA

240BW9CS



WideColor ergonomic display to boost your business

With high resolution, legible text size, a larger viewing area and convenient built-in speakers, this Philips 240BW9 boosts your business productivity — and is ready for immediate or future upgrade to Windows Vista.

Outstanding front of screen performance

- SmartImage: For an optimised display experience
- A wider colour display for Natural, Brilliant colours
- SmartContrast: Dynamic, optimised contrast for visual clarity

Eco-friendly design

- The green design conserves resources and reduces operating costs

Designed for maximum productivity

- TrueVision ensures top quality LCD display is delivered to you
- 1920 x 1200 resolution: ideal for two A4 pages side by side

Great convenience

- Dual input accepts both analogue VGA and digital DVI signals
- Hassle-free display performance tuning with SmartControl II
- Auto picture format control switching in wide and 4:3 format
- USB port for convenient peripheral connections
- Built in stereo audio for a clutter-free desktop

PHILIPS
sense and simplicity

Specifications

Picture/Display

- **Panel Size:** 24"/61.1 cm
- **LCD panel type:** 1920 x 1200 pixels, Anti-glare polariser, RGB vertical stripe
- **Recommended 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/m²
- **Contrast ratio (typical):** 1000:1
- **SmartContrast ratio (dynamic):** 10000:1
- **Wide Colour Gamut display:** 92% NTSC Colour Gamut
- **Viewing angle:** 160° (H)/160° (V), @ C/R > 10
- **Response time (typical):** 5 ms
- **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:** Analogue (VGA), DVI-D, PC Audio in
- **USB:** 1 x USB 2.0
- **Audio output:** Stereo Audio (3.5 mm jack) 1 x
- **Video Sync Input Signal:** Composite Sync, Separate Sync, Sync on Green

Convenience

- **Convenience Enhancements:** SmartControl II, SmartManage enabled, Picture format selection, On-screen Display
- **Built-in Audio:** 1.5 W x 2
- **Monitor Controls:** Auto (Back), Brightness (Up), Menu (OK), Power On/Off, SmartImage, Volume control (Down)
- **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
- **Regulatory Approvals:** CE Mark, Energy Star, FCC Class B, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL
- **Height Adjustment:** 70 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 494 x 220 mm
- **Set dimensions with stand in inch (W x H x D):** 22.0 x 19.45 x 8.66 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):** 22.0 x 15.0 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):** 638 x 563 x 195 mm
- **Box dimensions in inch (W x H x D):** 25.12 x 22.17 x 7.68 inch
- **Product weight (+stand):** 6.4 kg
- **Product weight (+stand) (lb):** 14.1 lb
- **Weight incl. Packaging:** 8.4 kg
- **Weight incl. Packaging (lb):** 18.52

Electricity

- **Consumption:** < 85 W (typical)
- **Consumption (economy mode):** 41 W
- **Complies with:** Energy Star
- **Off Mode:** < 1 W
- **Power LED indicator:** Operation - Blue, Stand by/sleep-blue (blinking)
- **Power supply:** Built-in, 100-240 VAC, 50/60 Hz

Product highlights

SmartImage

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

WideColor (92%)

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 92% or above, dramatically improving colour purity and saturation to display natural, brilliant colour.

TrueVision

TrueVision is an industry leading, proprietary Philips testing and algorithm technology for the adjustment and fine-tuning of monitors, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements, for each monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of colour accuracy and display quality in every new monitor.

SmartContrast

SmartContrast is 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 optimum contrast for better entertainment 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, colour 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 used to switch from 4:3 aspect ratio to widescreen mode and back again to match the display's aspect ratio with your content. It can be used for working with wide documents without having to scroll or for viewing widescreen media in widescreen mode and distortion-free, native mode display of 4:3 ratio content.

Eco-friendly design

The green design is based on environmentally conscious engineering of the display device to minimise power consumption, reduce packaging materials and eliminate environmentally sensitive materials.

