# WideColor ergonomic display to boost your business

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

### Outstanding front of screen performance
- A wider color display for Natural, Brilliant colors
- 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
- USB port for convenient peripheral connections
- Built in stereo audio for multimedia experience

### Designed for maximum productivity
- TrueVision: Laboratory quality display performance
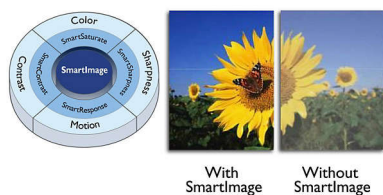- 1920 x 1200 resolution: Ideal for two A4 pages side-by-side

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

**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(92%)

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

## TrueVision



TrueVision On    TrueVision Off

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

## 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.

## Dual input



VGA connector    DVI connector

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

## HDCP ready

High-Bandwidth Digital Content Protection (HDCP) is a copyright protection system that is incorporated into the DVI connector. It helps stop unauthorized duplication of copyrighted content. HDCP allows you to play protected content media such as movies and concerts. It checks the signal to prevent piracy, allowing only legal copies of content to display.

## 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.
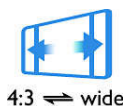
## Easy picture format control



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.

# Specifications

## Connectivity
- Audio output: Stereo Audio (3.5 mm jack) 1x
- Signal Input: VGA (Analog ), DVI-D, PC Audio in
- 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
- LCD panel type: 1920 x 1200 pixels, Anti-glare polarizer, RGB vertical stripe
- 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: 92% NTSC Color Gamut
- Contrast ratio (typical): 1000 : 1
- SmartContrast ratio (dynamic): 10000:1
- Response time (typical): 5 ms
- Viewing angle: 160° (H) / 160° (V), @ C/R &gt; 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
- sRGB

## Convenience
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista
- Built-in Audio: 1.5 W x 2
- User convenience: SmartControl II, SmartManage enabled, Picture format selection, On-screen Display
- Monitor Controls: Auto (Back), Brightness (Up), Menu (OK), Power On/Off, SmartImage, Volume control (Down)
- 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: 70 mm
- VESA Mount: 100 x 100 mm

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

## Dimensions
- Box depth: 195 mm
- Set width (with stand): 559 mm
- Box height: 563 mm
- Set width (with stand) (inch): 22.0 inch
- Box width: 638 mm
- Set height (with stand): 494 mm
- Set height (with stand) (inch): 19.45 inch
- Set Width: 559 mm
- Set depth (with stand): 220 mm
- Set Height: 381 mm
- Set Depth: 75 mm
- Set depth (with stand) (inch): 8.66 inch
- Set Width (inch): 22.0 inch
- Temperature range (operation): 0°C to 40°C
- Set Height (inch): 15.0 inch
- Temperature range (storage): -20°C to 60°C
- Set Depth (inch): 2.95 inch
- Box depth (inch): 7.68 inch
- Box height (inch): 22.17 inch
- Box width (inch): 25.12 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
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs