



Philips  
LCD widescreen monitor

48cm/19" wide  
WXGA

191EW9FB

## Native 16:9 HD monitor with glossy design

This Vista-ready 191EW9 delivers 16:9 wide screen HD-quality display and glossy design, eliminating costly extras that strain your budget without compromising on quality.

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

- Ready to display HD content
- 5ms fast response time
- 16:9 display for best widescreen gaming and video
- SmartContrast 8000:1 for rich black details

### **Designed for elegance**

- Glossy finish to enhance your decor
- Small footprint to blend into any lifestyle

### **Best Value for Money**

- Complies with RoHS standards to care for the environment
- Empowered for Windows Vista
- Energy Star for energy efficiency and low power consumption

### **Great convenience**

- Easy picture format control switching in wide and 4:3 format

# PHILIPS

# Highlights

## High definition monitor

A high definition monitor is a display device designed to deliver the exceptional picture quality of high definition pictures, one fully prepared for HD sources like HD set top boxes. A HD monitor offers picture quality beyond that of progressive scan, conforming to strict standards for HD screens that display high resolution, top picture quality signals through a universal connection for either analog VGA or uncompressed DVI digital connections and supports HDCP. It displays 720p (1280x720p @ 50 and 60 Hz progressive) and 1080i (1920x1080i @ 50 and 60 Hz interlaced) signals.

## 16:9 widescreen aspect ratio

An aspect ratio is an expression of a video image's width compared to its height. The 16:9 widescreen aspect ratio is standard for universal to high-definition television and European digital television. A native 16:9 aspect ratio means outstanding game and video display without bars at top and bottom of the picture and without the quality loss than comes from scaling, altering an image to fit on a different screen size.

## SmartContrast ratio 8000:1



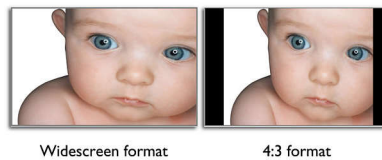
You want the LCD display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images.

SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

## 5ms on/off response time

On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

## Easy picture format control



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.

## Compliant with RoHS standards

Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

## Glossy finish

An attractive, elegantly finished glossy finish that fits in with and complements your decor.

## Small footprint

Small footprint to blend into any lifestyle

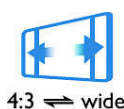
## Energy Star



Energy Star-labeled home electrical products are designed to use less energy - saving you money while reducing environmental pollution. In fact, Energy Star-compliant products consume less than 1 watt of power while in standby mode. As an Energy Star partner, Philips develops products that meet the Energy Star guidelines for energy efficiency. This is achieved by having low standby power consumption through innovatively designed standby circuitry and stringent selection of components made with high efficiency materials.

## Windows Vista ready

Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.



# Specifications

## Connectivity

- Signal Input: VGA (Analog)
- Sync Input: Composite Sync, Separate Sync, Sync on Green

## Picture/Display

- Panel Size: 18.5"/ 47 cm
- Aspect ratio: 16:9
- LCD panel type: 1366 x 768 pixels, Anti-glare polarizer, RGB vertical stripe
- Pixel pitch: 0.3 x 0.3 mm
- Optimum resolution: 1366 x 768 @ 60 Hz
- Brightness: 300 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast ratio (dynamic): 8000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H) / 160° (V), @ C/R &gt; 10
- Horizontal Scanning Frequency: 30 - 83 KHz
- Vertical Scanning Frequency: 56 - 75 Hz
- Maximum Resolution: 1366 x 768 @ 75 Hz
- Effective viewing area: 409.8 x 230.4 mm
- sRGB
- Video Dot Rate: &lt; 140 MHz

## Convenience

- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista
- User convenience: Picture format selection, On-screen Display
- Monitor Controls: Auto (Back), Auto picture (Down), Brightness (Up), Menu (OK), Power On/Off
- Regulatory approvals: CE Mark, Energy Star, FCC Class B, UL/cUL
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish

- Other convenience: Kensington lock compatible
- Tilt: -5° to 20°
- VESA Mount: 100 x 100 mm

## Power

- Power supply: Built-in, 100-240VAC, 50/60Hz
- Consumption (On mode): &lt; 36W (typical)
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Complies with: Energy Star
- Consumption (Off Mode): &lt; 0.8 W

## Dimensions

- Box depth: 133 mm
- Set width (with stand): 444 mm
- Box height: 352 mm
- Set width (with stand) (inch): 17.48 inch
- Box width: 520 mm
- Set height (with stand): 340 mm
- Set height (with stand) (inch): 13.39 inch
- Set Width: 444 mm
- Set depth (with stand): 192 mm
- Set Height: 286 mm
- Set Depth: 57 mm
- Set depth (with stand) (inch): 7.56 inch
- Set Width (inch): 17.48 inch
- Temperature range (operation): 0°C to 40°C
- Set Height (inch): 11.26 inch
- Temperature range (storage): -20°C to 60°C
- Set Depth (inch): 2.24 inch
- Box depth (inch): 5.24 inch
- Box height (inch): 13.86 inch
- Box width (inch): 20.47 inch
- Product weight (+stand): 3.225 kg
- Product weight (+stand) (lb): 7.11 lb
- Weight incl. Packaging: 4.339 kg
- Weight incl. Packaging (lb): 9.566
- Relative humidity: 20% - 90%
- MTBF: 50,000 hrs



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