



Philips  
LCD widescreen monitor

48 cm (19") w E-line  
HD

191E1SB

## Attractive 16:9 HD display offers great value

Enjoy more with this Vista-ready HD display ! With Auto format, SmartContrast and Glossy finish, the 191E1 is a great choice for all your needs

### **Great picture quality**

- Ready to display HD content
- 16:9 display for best widescreen gaming and video
- 5ms fast response time
- SmartContrast 25000:1 for incredible rich black details

### **Design that complements any interior**

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

### **Environmentally friendly green design**

- Complies with RoHS standards to care for the environment
- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meets international standards

### **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.

## 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.

## SmartContrast ratio 25000:1

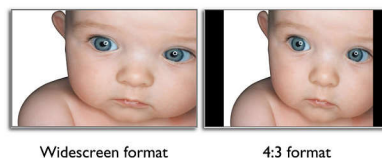


You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

## Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency program also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1watt power consumption, whereas Philips monitors consume less than 0.5watts. Further details can be obtained from [www.energystar.gov](http://www.energystar.gov)

## 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.

## 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

## Eco-friendly materials

"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely. Visit Philips @ <http://www.asimpleswitch.com/global/> to learn more.

## 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.



# Specifications

## Connectivity

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

## Picture/Display

- Panel Size: 18.5 inch
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Pixel pitch: 0.30 x 0.30 mm
- Optimum resolution: 1366 x 768 @ 60 Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 25000:1
- Response time (typical): 5 ms
- Viewing angle: 176° (H) / 170° (V), @ C/R >= 5
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

## Convenience

- Plug & Play Compatibility: DDC/CI, Windows 98/2000/XP/Vista, Mac OS X, sRGB
- User convenience: Brightness, Menu, Auto, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese, Turkish
- Other convenience: VESA mount (100x100mm), Kensington lock

## Stand

- Tilt: -5/20 degree

## Power

- Power supply: Built-in, 100-240VAC, 50/60Hz
- Off mode: < 0.5 W
- On mode: 15W (EnergyStar 5.0 test method)
- Power LED indicator: Operation - Blue, Stand by/sleep -blue(blinking)

## Dimensions

- Product with stand (mm): 369 x 448 x 200 mm
- Packaging in mm (WxHxD): 358 x 508 x 133 mm
- Product without stand (mm): 286 x 448 x 58 mm

## Weight

- Product with packaging (kg): 4.9 kg
- Product with stand (kg): 3.4 kg
- Product without stand (kg): 3.2 kg

## Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC, Class B, SEMKO, UL/cUL

## Cabinet

- Color: Black
- Finish: Glossy



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