

# 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
- SmartContrast 25000:1 for incredible rich black details
- 5 ms fast response time

### Design that complements any interior

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

### Environmentally friendly green design

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

### Great convenience

- Easy picture format control switching between wide and 4:3 formats

# 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 analogue VGA or uncompressed DVI digital connections and supports HDCP. It displays 720p (1280 x 720p @ 50 and 60 Hz progressive) and 1080i (1920 x 1080i @ 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 that comes from scaling, altering an image to fit on a different screen size.

## 5 ms 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 artefacts 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



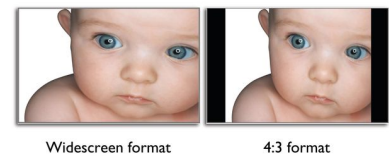
You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent black level and accurate rendition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

## Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency programme also adopted by many other countries. Energy Star certification

ensures that you are buying a product which meets the latest power efficiency standards and 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 1 Watt power consumption, whereas Philips monitors consume less than 0.5 Watts. Further details can be obtained from [www.energystar.gov](http://www.energystar.gov)

## Easy picture format control



Philips easy picture format control on OSD switches from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content; it allows you to work with wide documents without scrolling or viewing widescreen media in the widescreen mode and gives you distortion-free, native mode display of 4:3 ratio content.



# Specifications

## Picture/Display

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

## Connectivity

Signal Input: VGA (Analogue)  
 Sync Input: Separate Sync, Sync on Green

## Convenience

User convenience: Brightness, Menu, Auto, Power On/Off  
 OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese,

Portuguese, Turkish

Other convenience: VESA mount (100 x 100 mm), Kensington lock  
 Plug and Play Compatibility: DDC/CI, Windows 98/2000/XP/Vista, Mac OS X, sRGB

## Stand

Tilt: -5/20 degree

## Power

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

## Dimensions

Product with stand (mm): 369 x 448 x 200 mm  
 Product without stand (mm): 286 x 448 x 58 mm  
 Packaging in mm (W x H x D): 358 x 508 x 133 mm

## Weight

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

## Operating conditions

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

## Sustainability

Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0

## Compliance and standards

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

## Cabinet

Colour: Black  
 Finish: Glossy

