



Philips  
LCD widescreen monitor

- 48 cm (19") w V-line
- Format 16:10

190V1SB

## Widescreen display offers good value

With features like DVI and VGA inputs, SmartContrast and Energy efficiency, the 190V1 offers good value.

### Good picture quality

- WXGA+, wide format 1440 x 900 resolution for sharper display
- 5ms fast response time
- SmartContrast: For incredible rich black details

### Great convenience

- Dual input accepts both analog VGA and digital DVI signals
- Easy picture format control switching in wide and 4:3 format
- Screen tilts to your ideal, individualized viewing angle

### Environmentally friendly green design

- Eco-friendly materials that meets international standards
- Complies with RoHS standards to care for the environment
- EPEAT Silver ensures lower impact on environment

# PHILIPS

# Highlights

## 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 up to 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.

## WXGA+ 1440 x 900 resolution

WXGA+ or Wide Extended Graphics Array plus is a standard indicating a graphics monitor's ability to display up to the resolutions 1440 by 900 pixels and supports simultaneous display of more than one million colors. WXGA allows monitors to be non-interlaced for better display performance and increased color accuracy.

## Dual input



VGA connector



DVI connector

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

## 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



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# Specifications

## Picture/Display

- LCD panel type: TFT-LCD
- Panel Size: 19 inch / 48.1 cm
- Aspect ratio: 16:10
- Pixel pitch: 0.285 x 0.285 mm
- Brightness: 250 cd/m<sup>2</sup>
- SmartContrast: 20000:1
- Contrast ratio (typical): 1000:1
- Response time (typical): 5 ms
- Optimum resolution: 1440 x 900 @ 60 Hz
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- sRGB

## Connectivity

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

## Convenience

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

## Stand

- Tilt: -5/+20 degree

## Power

- On mode: 22.8 W
- Standby mode: <0.8 W
- Off mode: < 0.5 W
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

## Dimensions

- Product with stand (mm): 439 x 363 x 192 mm
- Product without stand (mm): 439 x 304 x 61 mm
- Packaging in mm (WxHxD): 490 x 375 x 145 mm

## Weight

- Product with stand (kg): 3.60 kg
- Product without stand (kg): 3.33 kg
- Product with packaging (kg): 4.95 kg

## Operating conditions

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

## Sustainability

- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0
- Recyclable packaging material: 100 %

## Compliance and standards

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

## Cabinet

- Color: Black
- Finish: Texture