

PHILIPS

LCD widescreen
monitor

48 cm (19") w V-line

Format 16:10

190V1SB



Widescreen display offering good value

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

High-quality picture

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

Great convenience

- Dual input accepts both analogue VGA and digital DVI signals
- Easy picture format control switching between wide and 4:3 formats
- Screen tilts to your ideal, individualised viewing angle

Environmentally friendly green design

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

Highlights

Eco-friendly materials

"Philips is committed to using 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 utilise up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures substantial reduction or elimination of toxic substances like lead, for example. Mercury content in monitors with CCFL backlights has been reduced significantly and eliminated completely in monitors with LED backlights. Visit Philips at <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 colours. WXGA allows monitors to be non-interlaced for better display performance and increased colour accuracy.

Dual input



VGA connector



DVI connector

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

Easy picture format control



Widescreen format

4:3 format

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.

Adjustable tilt

Adjustable tilt is backward and forward movement of a screen on its base to achieve custom positioning for an ideal viewing angle and more comfort for people who spend long hours working on the computer.

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.

EPEAT Silver

Philips EPEAT Silver certified monitors ensure protection for human health and the environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. The EPEAT programme

helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by the US EPA. EPEAT Silver is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

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.



Lead Free

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/m²
 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 colours: 16.7 M
 Scanning Frequency: 30 - 83 kHz (H)/56 - 75 Hz (V)
 sRGB

Connectivity

Signal Input: VGA (Analogue), 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 (100 x 100 mm), Kensington lock
 Plug and 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, Standby/sleep - Amber
 Power supply: Built-in, 100-240 VAC, 50/60 Hz

Dimensions

Product with stand (mm): 439 x 363 x 192 mm
 Product without stand (mm): 439 x 304 x 61 mm
 Packaging in mm (W x H x D): 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 to 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

Colour: Black
 Finish: Texture

