



LCD monitor with SmartImage

- S Line
- 20 (19.5"/49.5 cm diag.)
- 1600 x 900 (HD+)

20054LYMB/00

Sustainable productivity

with an energy-efficient LED display

The Philips LED display using 25% recycled materials and PVC, BFR free housing is ideal for eco-friendly productivity

Benefits

Sustainable Eco-design

- 100% recyclable packaging
- PVC-BFR free housing
- Zero mercury content

Great performance

- LED technology ensures natural colours
- SmartImage pre-sets for easy optimised image settings
- TrueVision ensures lab quality images

Features

Sustainability

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 selected models, we utilise $\geq 65\%$ Post-Consumer Recycled plastics, ensuring reduction in waste. Strict adherence to RoHS standards ensures substantial reduction or elimination of toxic

- DisplayPort connection for maximum visuals
- Built-in stereo speakers for multimedia

Designed for people

- SmartErgoBase enables user-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort

substances like Lead and Mercury. Our display housing is made up of PVC/BFR-free material. For more information, please visit Philips @ <http://www.asimpleswitch.com/global/> to learn more.

PHILIPS

PVC-BFR free housing

This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free)

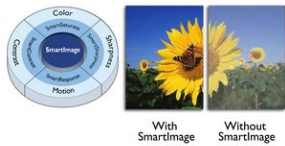
Zero mercury content

Philips monitors with LED backlighting are free from Mercury, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its lifecycle, from manufacturing to disposal.

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your display performance. This user-friendly interface allows you to select various modes, like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

TrueVision



TrueVision is a proprietary Philips technology that uses an advanced algorithm for testing and aligning monitor display, which gives you the ultimate display performance. Philips ensures that TrueVision monitors leave the factory fine-tuned with this process giving you consistent colour and picture quality.

DisplayPort connection



DisplayPort is a digital link from PC to monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15 metre cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates — making DisplayPort the best choice for not only general office or home use, but also for the more demanding gaming and films, video editing and more. It also keeps interoperability in mind via the use of various adapters.

Built-in stereo speakers

A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, cable management reduces cable clutter and keeps the workspace neat and professional.

Low bezel-to-table height



Thanks to its advanced SmartErgoBase, the Philips monitor can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows users of different heights to use the monitor at their preferred angle and height settings, helping them to reduce fatigue and strain.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

LCD panel type	TFT-LCD
Backlight type	W-LED system
Panel Size	19.5 inch / 49.5 cm
Effective viewing area	432 x 239.8 mm
Aspect ratio	16:9
Optimum resolution	1600 x 900 @ 60Hz
Response time (typical)	5 ms
Brightness	250 cd/m ²
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.27 x 0.27 mm
Viewing angle	170° (H)/160° (V) @ C/R > 10
Picture enhancement	SmartImage
Display colours	16.7 M
Scanning Frequency sRGB	30 - 83 kHz (H) / 56 - 76 Hz (V) Yes

Connectivity

Signal Input	VGA (Analogue) DisplayPort
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	PC audio-in Headphone out

Convenience

Built-in Speakers	2 W x 2
User convenience	SmartImage Volume Brightness Menu Power On/Off
Control software	SmartControl
OSD Languages	Brazil Portuguese Czech Dutch English Finnish French German Greek Hungarian Italian Japanese Korean Polish Portuguese Russian Spanish Simplified Chinese Swedish Traditional Chinese Turkish Ukrainian
Other convenience	Kensington lock VESA mount (100 x 100 mm)
Plug and Play Compatibility	DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7

Stand

Height adjustment	110 mm
Pivot	90 degree
Swivel	-65/65 degree
Tilt	-5/20 degree

Power

On mode	11.45 W (typ.) (EnergyStar 7.0 test method)
Standby mode	0.3 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White Standby mode - White (flashing)
Power supply	Built-in 100-240 VAC, 50-60 Hz

Dimensions

Product with stand (max height)	479 x 494 x 227 mm
Product without stand (mm)	479 x 299 x 48 mm
Packaging in mm (W x H x D)	560 x 361 x 222 mm

Weight

Product with stand (kg)	4.20 kg
Product without stand (kg)	1.87 kg
Product with packaging (kg)	5.99 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% %
Altitude	Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
MTBF (demonstrated)	70,000 hrs (excluded backlight)

Sustainability

Environmental and energy	EnergyStar 7.0 EPEAT Silver RoHS
Recyclable packaging material	100 %
Specific Substances	PVC/BFR free housing Mercury free Lead free

Compliance and standards

Regulatory Approvals	CE Mark EAC SEMKO cETLus GS TCO certified WEEE
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Cabinet

Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

What's in the box?

Cables	VGA, Audio, Power
Monitor with stand	Yes
User Documentation	Yes



data subject to change
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