Philips Brilliance
LCD monitor with
SmartImage

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

200S4LYMB

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

Designed for people
• Low bezel-to-table height for maximum reading comfort
• SmartErgoBase enables people-friendly ergonomic adjustments

Great performance
• LED technology ensures natural colors
• TrueVision ensures lab quality images
• Built-in stereo speakers for multimedia
• DisplayPort connection for maximum visuals
• SmartImage presets for easy optimized image settings

Sustainable Eco-design
• PVC-BFR free housing
• 100% recyclable packaging
• Zero mercury content

PHILIPS

Highlights

Sustainability

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 selected models, we utilize >= 65% Post-Consumer Recycled plastics, ensuring reduction in waste. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic 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.

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 of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, 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 LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

SmartImage

Without SmartImage / With SmartImage

SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized 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 optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

TrueVision
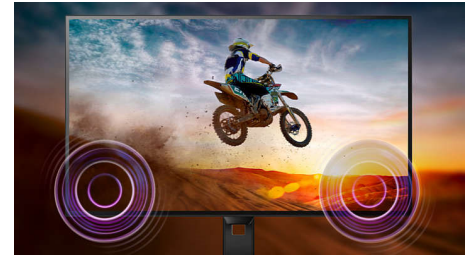

TrueVision On   TrueVision Off

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

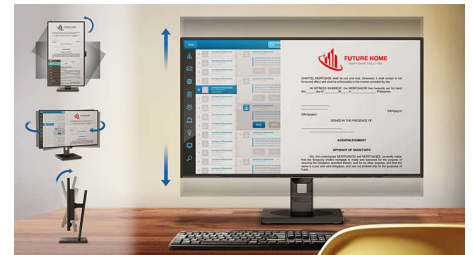### DisplayPort connection

DisplayPort

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 15meter 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 demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

Built-in stereo speakers

A pair of high quality stereo speakers built into a display device. It can 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 base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

Hg Free   LED   SmartImage™   TrueVision   [DisplayPort]   Built-in Speaker   SmartErgo Base   Built-in Speaker   [DisplayPort]   ENERGY STAR

Specifications

Connectivity

- Signal Input: VGA (Analog), DisplayPort x 1
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display

- Panel Size: 19.5 inch / 49.5 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.27 x 0.27 mm
- Optimum resolution: 1600 x 900 @ 60Hz
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 432 x 239.8 mm
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Convenience

- Built-in Speakers: 2 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Volume, Brightness, Menu, Power On/Off
- 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 (100x100mm)
- Control software: SmartControl

Stand

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

Power

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

Dimensions

- Packaging in mm (WxHxD): 560 x 361 x 222 mm
- Product without stand (mm): 479 x 299 x 48 mm
- Product with stand(max height): 479 x 494 x 227 mm

Weight

- Product with packaging (kg): 5.99 kg
- Product with stand (kg): 4.20 kg
- Product without stand (kg): 1.87 kg

Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability

- Environmental and energy: EnergyStar 7.0, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free

Compliance and standards

- Regulatory Approvals: CE Mark, EAC, SEMKO, cETLus, GS, TCO Certified, WEEE, MEPS, RCM

Cabinet

- Finish: Texture
- Foot: Black
- Front bezel: Black
- Rear cover: Black

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