Sustainable productivity

with an energy efficient LED display

The Philips ergonomic 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
- DisplayPort connection for maximum visuals

Sustainable Eco-design
- SmartPower: Up to 50% power saving
- PVC-BFR free housing
- 100% recyclable packaging
- Zero mercury content

Easy to experience
- SmartControl for easy performance tuning
- SmartImage presets for easy optimized image settings

PHILIPS

Highlights

SmartPower

SmartPower is an artificial intelligent technology which dynamically analyzes the content of the screen image to achieve power saving. The backlight intensity can be controlled automatically and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs

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.

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.

PVC-BFR free housing

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

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.

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 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.

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.

Low bezel-to-table height

The Philips monitor, thanks to its advanced SmartErgoBase, 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 for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.

Specifications

Connectivity
- Signal Input: VGA (Analog), DVI-D (digital, HDCP), DisplayPort x 1
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Audio out

Picture/Display
- Panel Size: 22 inch / 55.9 cm
- Aspect ratio: 16:10
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.282 x 0.282 mm
- Optimum resolution: 1680 x 1050 @ 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: 473.76 (H) x 296.1 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Convenience
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Brightness, SmartPower, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Brazil Portuguese, Czech, Dutch, Finnish, Greek, Hungarian, Japanese, Korean, Polish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: VESA mount (100x100mm), Kensington lock
- 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: 15.10 W (EnergyStar 7.0 test method)
- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Product with stand (mm): 504 x 509 x 227 mm
- Packaging in mm (WxHxD): 565 x 391 x 186 mm
- Product without stand (mm): 504 x 349 x 59 mm

Weight
- Product with packaging (kg): 7.05 kg
- Product with stand (kg): 5.20 kg
- Product without stand (kg): 3.38 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, TCO Certified, WEEE, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free
- Recycled material: 25%

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, SEMKO, UL/cUL, BSMI, CU-EAC, TUV Ergo, TUV/GS, CECP

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

What's in the box?
- Cables: VGA, Power
- Monitor with stand
- User Documentation