Reliable and essential

for business efficiency

Our S Line monitor delivers business efficiency. Features like Flicker-free and LowBlue mode make work easy-on-the eyes and increases your productivity.

Great performance
• SmartImage presets for easy optimized image settings

Designed for comfortable productivity
• LowBlue Mode for easy on-the-eyes productivity
• Less eye fatigue with Flicker-free technology
• EasyRead mode for a paper-like reading experience

Features for the way you work
• HDMI ensures universal digital connectivity

Sustainable Eco-design
• LED Technology ensures low power and natural colors
• 100% recyclable packaging
• PVC-BFR free housing
• Zero mercury content

PHILIPS

Highlights

SmartImage

With SmartImage | Without 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!

LowBlue Mode

Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

Flicker-free technology

Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

EasyRead mode

EasyRead mode for a paper-like reading experience

HDMI Ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a

PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

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.

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.

Specifications

Picture/Display

- LCD panel type: TFT-LCD (TN)
- Backlight type: W-LED system
- Panel Size: 18.5 inch / 47 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 409.8 (H) x 230.4 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1366 x 768 @ 60 Hz
- Pixel Density: 85 PPI
- Response time (typical): 5 ms
- Brightness: 200 cd/m²
- Contrast ratio (typical): 600:1
- SmartContrast: 10,000,000:1
- Pixel pitch: 0.30 x 0.30 mm
- Viewing angle: 90° (H) / 65° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Color gamut (typical): NTSC 77%*, sRGB 99%*
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 50 - 76 Hz (V)
- sRGB
- EasyRead
- LowBlue Mode

Connectivity

- Signal Input: VGA (Analog), HDMI 1.4
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Audio out

Convenience

- User convenience: SmartImage, Input, 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, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukranian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand

- Tilt: -5/25 degree

Power

- ECO mode: 7.1 W (typ.)
- On mode: 9.5 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 (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions

- Product with stand (mm): 440 x 339 x 196 mm
- Product without stand (mm): 440 x 267 x 44 mm
- Packaging in mm (WxHxD): 490 x 400 x 135 mm

Weight

- Product with stand (kg): 2.12 kg
- Product without stand (kg): 1.80 kg
- Product with packaging (kg): 3.50 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability

- Environmental and energy: EnergyStar 7.0, RoHS, WEEE
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 25%
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, SEMKO, CU-EAC, EPA, UKRAINIAN, ICES-003, CCC, CECP, GS, TUV/ISO9241-307

Cabinet

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

* NTSC Area based on CIE1976
* sRGB Area based on CIE 1931
* The monitor may look different from feature images.