Philips LCD monitor with SoftBlue Technology

E-line
24 (Viewable 23.6" / 59.9 cm)
Full HD (1920 x 1080)

SoftBlue Technology protects eyes without sacrificing color

Designed for you: The elegant new Philips E-line monitor features new SoftBlue Technology to protect your eyes and deliver brilliant colorful images.

Superb Picture Quality
- SoftBlue technology protects eyes and maintains color
- IPS-ADS wide-view technology for image and color accuracy
- 16:9 Full HD display for crisp detailed images
- SmartImage Lite for easy optimized image settings
- SmartControl Lite: For quick and easy display tuning
- SmartContrast for deep black level details

Elegant Design
- Elegant, slim design complements your home decor
- Superb glossy finish enhance your home decoration
- Modern Touch controls complement the design

Experience immersive multimedia
- MHL technology for enjoying mobile content on big screen
- Built-in stereo speakers for multimedia

PHILIPS
Highlights

**SoftBlue Technology**

Studies have shown that just as ultra-violet rays can cause eye damage, blue light rays from LED displays can cause eye damage and affect vision over time. SoftBlue LED technology uses a smart technology to reduce the harmful blue light waves without affecting the color or image of the display. SoftBlue LED technology is certified by international testing organizations SGS Labs and TUV Rheinland to reduce blue light and protect your eyes.

**IPS-ADS Technology**

IPS-ADS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS-ADS displays give you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

**16:9 Full HD display**

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

**SmartImage Lite**

SmartImage Lite is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

**SmartContrast**

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

**Modern Touch controls**

Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch, Touch control gives the monitor a modern feel.

**TUV Certified Low Blue Light**

Philips displays with SoftBlue LED technology are certified by TUV Rheinland Low Blue Light testing standard (2PfG) to reduce harmful blue light.
Specifications

**Picture/Display**
- LCD panel type: IPS-ADS LCD
- Backlight type: W-LED system
- Panel Size: 23.6 inch / 59.9 cm
- Effective viewing area: 521.28 (H) x 293.22 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Response time (typical): 14 (Grey to Grey) ms
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.2715 x 0.2715 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage Lite
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- MHL: 1080P @ 60Hz
- sRGB
- SoftBlue

**Connectivity**
- Signal Input: VGA (Analog), DVI-D (digital, HDCP), MHL-HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

**Convenience**
- Built-in Speakers: 3 W x 2
- User convenience: Power On/Off, Menu, Volume, Input, SmartImage lite
- 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, Ukrainian
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8

**Stand**
- Tilt: -5/20 degree

**Power**
- On mode: 15.27 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: External, 100-240VAC, 50-60Hz

**Dimensions**
- Product with stand (mm): 561 x 429 x 212 mm
- Product without stand (mm): 561 x 347 x 43 mm
- Packaging in mm (WxHxD): 598 x 490 x 100 mm

**Weight**
- Product with stand (kg): 3.65 kg
- Product without stand (kg): 3.27 kg
- Product with packaging (kg): 4.90 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: 30,000 hour(s)

**Sustainability**
- Environmental and energy: EnergyStar 6.0, EPEAT Silver, RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

**Compliance and standards**

**Cabinet**
- Color: White
- Finish: Glossy

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