

PHILIPS

LCD monitor, LED
backlight

S Line

17" (43.2 cm)

1280 x 1024

17S4LSB



Sustainable productivity

energy efficient LED display

The Philips LED backlit monitor using recycled materials and a PVC BFR free housing is ideal for eco-friendly productivity

Sustainable Eco-design

- LED Technology ensures low power and natural colors
- SmartPower: Up to 50% power saving
- EPEAT Gold ensures lowest impact on environment
- Zero mercury content
- PVC-BFR free housing
- 100% recyclable packaging

Great performance

- TrueVision ensures lab quality images
- SmartContrast gives enhanced rich black details

Easy to experience

- SmartImage presets for easy optimized image settings
- SmartControl for easy performance tuning
- Screen tilts to your ideal, individualized viewing angle

Highlights

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.

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

EPEAT Gold

Philips EPEAT GOLD certified monitors ensure protection for human health and environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. EPEAT program helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by US EPA. GOLD certification ensures that at least 30% of plastic used is Post Consumer Resin, which ensures reduction in use of toxic and hazardous materials. EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

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.

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.

SmartContrast



With SmartContrast

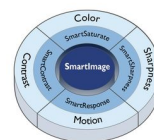


Without SmartContrast

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.

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!

SmartControl for easy tuning

PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way



Specifications

Picture/Display

LCD panel type: TFT-LCD
Backlight type: W-LED system
Panel Size: 17 inch / 43.2 cm
Effective viewing area: 337.92 x 270.33 mm
Display Screen Coating: Anti-Glare, 3H, Haze 25%
Aspect ratio: 5:4
Optimum resolution: 1280 x 1024 @ 60Hz
Response time (typical): 5 ms
Brightness: 250 cd/m²
Contrast ratio (typical): 1,000:1
SmartContrast: 20,000,000:1
Pixel pitch: 0.264 x 0.264 mm
Viewing angle: 170° (H) / 160° (V), @ C/R > 10
Picture enhancement: SmartImage
Display colors: 16.7 M
Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
 sRGB

Connectivity

Signal Input: DVI-D (digital, HDCP), VGA (Analog)
Sync Input: Separate Sync, Sync on Green

Convenience

User convenience: SmartImage, Brightness, SmartPower, Menu, Power On/Off
Control software: SmartControl Premium
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, VESA mount (100x100mm)

Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/Vista

Stand

Tilt: -5/20 degree

Power

ECO mode: 8 W (typ.)
On mode: 11.9 W (typ.) (EnergyStar 6.0 test method)
Standby mode: 0.2 W (typ.)
Off mode: 0.2 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)
Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm): 367 x 393 x 194 mm
Product without stand (mm): 367 x 319 x 65 mm
Packaging in mm (WxHxD): 450 x 446 x 160 mm

Weight

Product with stand (kg): 3.54 kg
Product without stand (kg): 3.14 kg
Product with packaging (kg): 4.94 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 Gold*, RoHS
Recyclable packaging material: 100 %
Specific Substances: PVC / BFR free housing, Mercury free, Lead free

Compliance and standards

Regulatory Approvals: BSMI, CE Mark, cETLus, FCC Class B, GOST, SASO, SEMKO, TCO 6.0, TUV Ergo, TUV/GS, WEEE

Cabinet

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

