LCD monitor, LED backlight with SmartImage

- S Line
- 17" / 43.2 cm
- 1280 x 1024

17S4LSB/27

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

Benefits

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

Features

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.

PHILIPS

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 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

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.
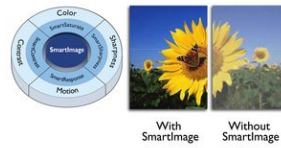
SmartImage

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

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

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	Yes

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 Ukranian
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 with stand in inch	14.4 x 15.5 x 7.6 inch
Product without stand (mm)	367 x 319 x 65 mm
Product without stand in inch	14.4 x 12.6 x 2.6 inch
Packaging in mm (WxHxD)	450 x 446 x 160 mm
Packaging in inch (WxHxD)	17.1 x 17.6 x 6.3 inch

Weight

Product with stand (kg)	3.54 kg
Product with stand (lb)	7.79 lb
Product without stand (kg)	3.14 kg
Product without stand (lb)	6.91 lb
Product with packaging (kg)	4.94 kg
Product with packaging (lb)	10.87 lb

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

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