Philips

LCD monitor, LED backlight with SmartImage

- S Line
- 22" / 55.9 cm
- 1680x1050

220S4LSB/27

Sustainable productivity

with energy efficient LED display

The Philips LED display using 25% recycled materials and PVC, BFR free housing is ideal for eco-friendly productivity

Benefits

Sustainable Eco-design

- 25% recycled material with EPEAT Gold
- PVC-BFR free housing
- Zero mercury content
- SmartPower: Up to 50% power saving
- 100% recyclable packaging
- 0.1 watt Soft-Off mode

Great performance

- LED technology ensures natural colors

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

Easy to experience

- SmartImage presets for easy optimized image settings
- SmartControl for easy performance tuning
- Modern Touch controls
- 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.

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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!

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.

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.

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.

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.

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

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	22 inch / 55.9 cm
Effective viewing area	473.76 (H) x 296.1 (V)
Aspect ratio	16:10
Optimum resolution	1680 x 1050 @ 60Hz
Response time (typical)	5 ms
Brightness	250 cd/m²
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.282 x 0.282 mm
Viewing angle	170° (H) / 160° (V) @ C/R > 10
Picture enhancement	SmartImage
Display colors	16.7M
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	English
	French
	German
	Italian
	Portuguese
	Russian
	Simplified Chinese
	Spanish
Other convenience	Kensington lock
	VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI
	Mac OS X
	sRGB
	Windows 7/Vista/XP

Stand

Tilt	-5/20 degree

Power

ECO mode	12.6W (typ.)
On mode	15.7W (typ.) (EnergyStar 5.0 test method)
Standby mode	0.1W
Off mode	0.1W

Power LED indicator	Operation - White Standby mode- White (blinking)	Relative humidity	20%-80 %
Power supply	Built-in 100-240VAC, 50-60Hz	Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
		MTBF	30,000 hour(s)

Dimensions

Product with stand (mm)	504 x 434 x 207 mm
Product with stand in inch	19.8 x 17.1 x 8.1 inch
Product without stand (mm)	504 x 349 x 59 mm
Product without stand in inch	19.8 x 13.7 x 2.3 inch
Packaging in mm (WxHxD)	565 x 478 x 138 mm
Packaging in inch (WxHxD)	22.2 x 18.8 x 54.3 inch

Weight

Product with stand (kg)	4.45 kg
Product with stand (lb)	9.79 lb
Product without stand (kg)	3.38 kg
Product without stand (lb)	7.44 lb
Product with packaging (kg)	6.27 kg
Product with packaging (lb)	13.79 lb

Operating conditions

Temperature range (operation)	0°C to 40°C °C
Temperature range (storage)	-20°C to 60°C °C

Sustainability

Environmental and energy	EnergyStar 5.0 EPEAT Gold* RoHS
Recyclable packaging material	100 %
Recycled material	25%
Specific Substances	PVC / BFR free housing Mercury free Lead free

Compliance and standards

Regulatory Approvals	BSMI CE Mark FCC Class B GOST SASO SEMKO TCO 5.2 TUV Ergo TUV/GS UL/cUL WEEE

Cabinet

Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

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