



LCD monitor

- S Line
- 22 (21.5" / 54.6 cm diag.)
- Full HD (1920 x 1080)

221S8LDSB/27

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.

Benefits

Brilliant performance

- SmartImage presets for easy optimized image settings
- 16:9 Full HD display for crisp detailed images

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

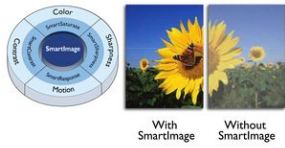
Sustainable Eco-design

- 100% recyclable packaging
- 25% recycled material with EPEAT Gold
- PVC-BFR free housing

PHILIPS

Features

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!

16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

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.

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 (TN)
Backlight type	W-LED system
Panel Size	21.5 inch / 54.6 cm

EasyRead mode



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, AV receivers and video cameras).

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 $\geq 65\%$ 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.

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)

Display Screen	Anti-Glare, 3H, Haze 25%
Coating	
Effective viewing area	476.64 (H) x 268.11 (V)
Aspect ratio	16:9

Optimum resolution	1920 x 1080 @ 60Hz
Pixel Density	102 PPI
Response time (typical)	1 ms (Gray to Gray)*
Brightness	250 cd/m ²
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.248 x 0.248 mm
Viewing angle	170° (H) / 160° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage
Display colors	16.7 M
Color gamut (typical)	NTSC 72% (CIE1931)
Scanning Frequency	Horizontal: 30 - 83 kHz (Analog); 30 - 85 kHz (HDMI, Adaptive Sync for HDMI) / Vertical: 50 - 76 Hz (Analog, Digital); 48 - 76 Hz (HDMI, Adaptive Sync for HDMI)
sRGB	Yes
EasyRead	Yes
LowBlue Mode	Yes
Adaptive sync	Yes

Connectivity

Signal Input	DVI-D (digital, HDCP) 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 OSD Languages	SmartControl 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 10 / 8.1 / 8 / 7

Stand

Tilt	-5/25 degree
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Power

ECO mode	9.1 W (typ.)
On mode	14.2 W (typ.) (EnergyStar 7.0 test method)
Standby mode	< 0.3 W (typ.)
Off mode	< 0.3 W (typ.)
Power LED indicator	Operation - White

Power supply	Standby mode- White (blinking) Built-in 100-240VAC, 50-60Hz
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Dimensions

Product with stand(max height)	504 x 395 x 208 mm
Product with stand(max height)	19.8 x 15.6 x 8.2 inch
Product without stand (mm)	504 x 304 x 47 mm
Product without stand in inch	19.8 x 12.0 x 1.9 inch
Packaging in mm (WxHxD)	560 x 452 x 138 mm
Packaging in inch (WxHxD)	22.0 x 17.8 x 5.4 inch

Weight

Product with stand (kg)	2.80 kg
Product with stand (lb)	6.16 lb
Product without stand (kg)	2.46 kg
Product without stand (lb)	5.41 lb
Product with packaging (kg)	4.41 kg
Product with packaging (lb)	9.70 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 (demonstrated)	70,000 hrs (excluded backlight)

Sustainability

Environmental and energy	EnergyStar 7.0 EPEAT Gold* TCO certified 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 cETLus CU-EAC TUV Ergo TUV/GS EPA PSB UKRAINIAN ICES-003 BSMI CEL MEPS TUV/ISO9241-307 VCCI
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Cabinet

Front bezel	Black/Black
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Rear cover
Foot
Finish

Black/Black
Black/Black
Texture

Cables

D-Sub cable, HDMI cable, Power
cable

User Documentation

Yes

What's in the box?

Monitor with stand Yes

- * EPEAT Gold or Silver is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.
- * Response time value equal to SmartResponse
- * The monitor may look different from feature images.



data subject to change
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