LCD monitor

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

221S8LDAB/00

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
- Built-in stereo speakers for multimedia
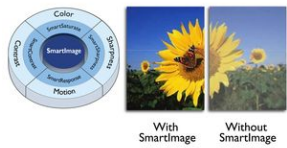- HDMI ensures universal digital connectivity

Sustainable Eco-design
- 100% recyclable packaging
- 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.

EasyRead mode

Built-in stereo speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

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, A/V 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 >= 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.

PVC-BFR free housing

This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free)

Specifications

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Picture/Display

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

Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	476.64 (H) x 268.11 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60Hz

data subject to change
2019, August 15

Pixel Density	102 PPI	Energy Label Class	A
Response time (typical)	1 ms (Gray to Gray)*	Power LED indicator	Operation - White Standby mode- White (blinking)
Brightness	250 cd/m²	Power supply	Built-in 100-240VAC, 50-60Hz
Contrast ratio (typical)	1000:1		
SmartContrast	20,000,000:1		

Dimensions

Pixel pitch	0.248 x 0.248 mm	Product with stand(max height)	504 x 395 x 208 mm
Viewing angle	170° (H) / 160° (V) @ C/R > 10	Product without stand (mm)	504 x 304 x 47 mm
Flicker-free	Yes	Packaging in mm (WxHxD)	560 x 452 x 138 mm
Picture enhancement	SmartImage		

Weight

Display colors	16.7 M	Product with stand (kg)	2.80 kg
Color gamut (typical)	NTSC 72% (CIE1931)	Product without stand (kg)	2.46 kg
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)	Product with packaging (kg)	4.41 kg

Operating conditions

sRGB	Yes	Temperature range (operation)	0°C to 40°C °C
EasyRead	Yes	Temperature range (storage)	-20°C to 60°C °C
LowBlue Mode	Yes	Relative humidity	20%-80 %
Adaptive sync	Yes	Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)

Connectivity

Signal Input	DVI-D (digital, HDCP) VGA (Analog) HDMI 1.4	MTBF (demonstrated)	70,000 hrs (excluded backlight)

Sustainability

Sync Input	Separate Sync Sync on Green	Environmental and energy	EnergyStar 7.0 EPEAT* TCO Certified RoHS WEEE
Audio (In/Out)	PC audio-in Headphone out		

Convenience

Built-in Speakers	2 W x 2	Recyclable packaging material	100 %
User convenience	SmartImage Input Brightness Menu Power On/Off	Post consumer recycled plastic	25%
Control software	SmartControl	Specific Substances	PVC / BFR free housing Mercury free Lead free
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		

Compliance and standards

		Regulatory Approvals	CE Mark FCC Class B SEMKO CU-EAC EPA UKRAINIAN ICES-003 MEPS BSMI PSB CEL VCCI cETLus TUV Ergo TUV/GS TUV/ISO9241-307
Other convenience	Kensington lock VESA mount (100x100mm)		
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7		

Cabinet

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

Stand

Tilt	-5/25 degree

What's in the box?

Monitor with stand	Yes
Cables	D-Sub cable, HDMI cable, Audio cable, Power cable
User Documentation	Yes

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.)

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