Philips
LCD monitor

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

221S8LDAB

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.

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
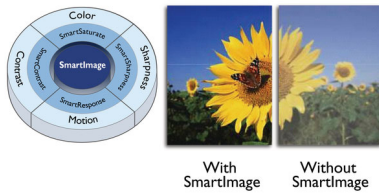- HDMI ensures universal digital connectivity

Sustainable Eco-design
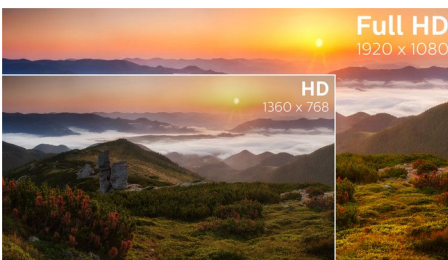- 100% recyclable packaging
- PVC-BFR free housing

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Highlights

SmartImage
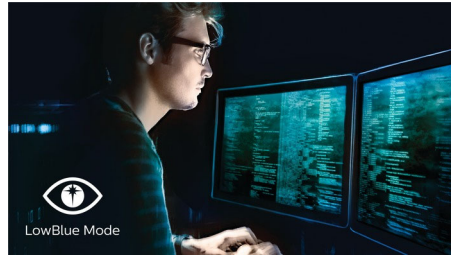

With SmartImage / Without SmartImage

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!

16:9 Full HD display

Full HD 1920 x 1080
HD 1360 x 768

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.
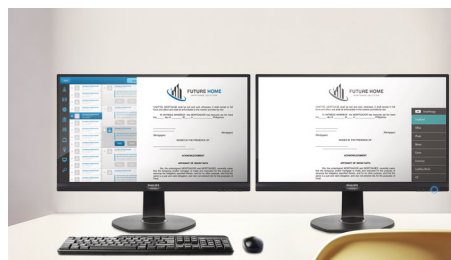
LowBlue Mode

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

Flicker-free

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

EasyRead mode for a paper-like reading experience

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

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.

LED | SmartImage™ | Full HD 1080p | LowBlue Mode | Flicker-free | EasyRead | Built-in Speaker | HDMI HIGH DEFINITION MULTIMEDIA INTERFACE | TCO CERTIFIED | Hg Free

Specifications

Picture/Display
- LCD panel type: TFT-LCD (TN)
- Adaptive sync
- 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
- Pixel Density: 102 PPI
- Response time (typical): 1 ms (Gray to Gray)*
- Brightness: 250 cd/m²
- 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
- 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
- EasyRead
- LowBlue Mode

Connectivity
- Signal Input: DVI-D (digital, HDCP), VGA (Analog), HDMI 1.4
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Convenience
- Built-in Speakers: 2 W x 2
- User convenience: SmartImage, Input, Brightness, Menu, Power On/Off
- Control software: SmartControl
- 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 10 / 8.1 / 8 / 7

Stand
- Tilt: -5/25 degree

Power
- ECO mode: 9.1 W (typ.)
- On mode: 13.04 W (typ.) (EnergyStar test method)
- Standby mode: < 0.3 W (typ.)
- Off mode: < 0.3 W (typ.)
- Energy Label Class: E
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions
- Product with stand(max height): 504 x 395 x 208 mm
- Product without stand (mm): 504 x 304 x 47 mm
- Packaging in mm (WxHxD): 560 x 452 x 138 mm

Weight
- Product with stand (kg): 2.80 kg
- Product without stand (kg): 2.46 kg
- Product with packaging (kg): 4.41 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 (demonstrated): 70,000 hrs (excluded backlight)

Sustainability
- Environmental and energy: EnergyStar 8.0, EPEAT*, TCO Certified, RoHS, WEEE
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 25%
- Specific Substances: PVC / BFR free housing, Mercury free

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, SEMKO, CU-EAC, EPA, UKRAINIAN, ICES-003, MEPS, BSMI, PSB, VCCI, cETLus, TUV Ergo, TUV/GS, CB

Cabinet
- Front bezel: Black/Black
- Rear cover: Black/Black
- Foot: Black/Black
- Finish: Texture

What's in the box?
- Monitor with stand
- Cables: D-Sub cable, HDMI cable, Audio cable, Power cable
- User Documentation

www.philips.com

* 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.