

# PHILIPS

## LCD monitor

### Business Monitor

S Line

22 (21.5" / 54.6 cm diag.)

1920 x 1080 (Full HD)

222S9JML



## Reliable and essential

### for daily efficiency

Our S Line monitor delivers business efficiency. Features like Flicker-free and LowBlue mode make work easy-on-the-eyes and increase your productivity.

#### Perfectly designed for your space

- SmartErgoBase enables people-friendly ergonomic adjustments
- Built-in stereo speakers for multimedia

#### Features for the way you work

- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- USB 3.2 high speed data transfer

#### Great performance

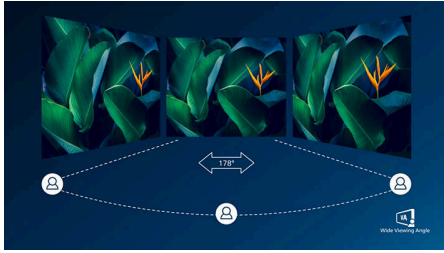
- VA display delivers awesome images with wide viewing angles
- SmartImage presets for easy optimized image settings
- 16:9 Full HD display for crisp detailed images

#### Designed for comfortable productivity

- EasyRead mode for a paper-like reading experience
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity

# Highlights

## VA display



Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

## 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.

## 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,

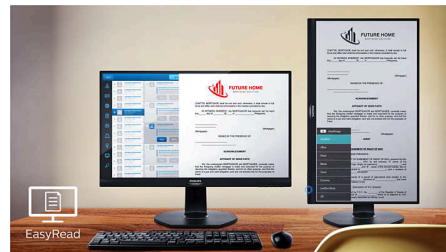
Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

## Flicker-free technology



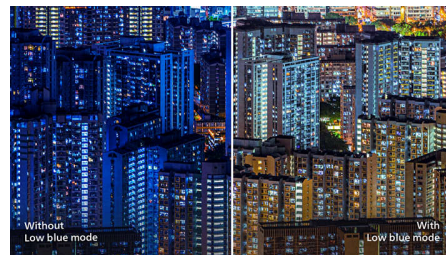
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

## EasyRead mode



EasyRead mode for a paper-like reading experience

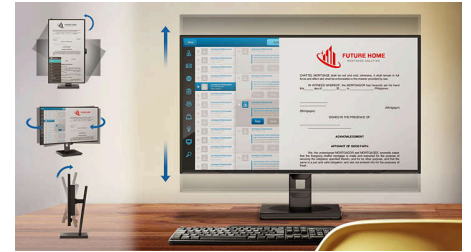
## LowBlue Mode



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.

## SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

## 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.



# Highlights

### DisplayPort connection



DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the

demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

### 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).

### High speed data transfer

USB 3.2 high speed data transfer

# Specifications

## Picture/Display

**Panel Size:** 21.5 inch / 54.6cm  
**Aspect ratio:** 16:9  
**LCD panel type:** VA LCD  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.2493 x 0.241 mm  
**Brightness:** 250 cd/m<sup>2</sup>  
**Display colors:** 16.7 M (8 bit)  
**Color gamut (typical):** NTSC 88%\*; sRGB 102%\*  
**Contrast ratio (typical):** 3000:1  
**SmartContrast:** 500,000,000:1  
**Response time (typical):** 4 ms (Gray to Gray)\*  
**Viewing angle:** 178° (H) / 178° (V), @ C/R > 10  
**Picture enhancement:** SmartImage  
**Maximum resolution:** 1920 x 1080 @ 75 Hz\*  
**Effective viewing area:** 478.656 (H) x 260.28 (V)mm  
**Scanning Frequency:** 30k - 85 kHz (H) / 48 - 75 Hz (V)  
**sRGB**  
**Flicker-free**  
**Pixel Density:** 102 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**EasyRead**  
**Adaptive sync**

## Connectivity

**Signal Input:** VGA (Analog) x 1, HDMI 1.4 x 1, DisplayPort 1.2 x 1  
**Sync Input:** Separate Sync  
**Audio (In/Out):** Audio out, Audio-in  
**HDCP:** HDCP 1.4 (HDMI / DisplayPort)  
**USB Hub:** USB 3.2 Gen 1 / 5 Gbps, USB-B upstream x 1, USB-A downstream x 4 (with 1 for fast charge B.C 1.2)

## Convenience

**Built-in Speakers:** 2 W x 2  
**Plug & Play Compatibility:** DDC/CI, Mac OS X, sRGB, Windows 11 / 10  
**User convenience:** SmartImage/Back, Brightness/UP, Input/Down, Menu/OK, Power On/Off, SmartControl  
**OSD Languages:** Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Swedish, Turkish, Traditional Chinese, Ukrainian

**Other convenience:** Kensington lock, VESA mount (100x100mm)  
**Control software:** SmartControl

## Stand

**Height adjustment:** 130 mm  
**Pivot:** -/+ 90 degree  
**Swivel:** -/+ 180\* degree  
**Tilt:** -5/25 degree

## Power

**ECO mode:** 12.1 W (typ.)  
**Power supply:** Built-in, 100-240VAC, 50-60Hz  
**Off mode:** 0.3 W (typ.)  
**On mode:** 13.3 W (typ.) (EnergyStar test method)  
**Standby mode:** 0.3 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode- White (blinking)  
**Energy Label Class:** D

## Dimensions

**Packaging in mm (WxHxD):** 690 x 141 x 420 mm  
**Product without stand (mm):** 439 x 286 x 49 mm  
**Product with stand(max height):** 493 x 439 x 205 mm

## Weight

**Product with packaging (kg):** 6.73 kg  
**Product with stand (kg):** 4.16 kg  
**Product without stand (kg):** 2.44 kg

## Operating conditions

**Altitude:** Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)  
**Temperature range (operation):** 0°C to 40 °C  
**MTBF:** 70,000 (Excluded backlight) hour(s)  
**Relative humidity:** 20%-80 %  
**Temperature range (storage):** -20°C to 60 °C

## Sustainability

**Environmental and energy:** Energy Star, EPEAT\*, TCO Certified Edge, RoHS  
**Post consumer recycled plastic:** 85%  
**Recyclable packaging material:** 100 %  
**Specific Substances:** Mercury free, PVC / BFR free housing

## Compliance and standards

**Regulatory Approvals:** CB, CE Mark, CU-EAC, EAEU RoHS, FCC Class B, ICES-003, TUV Ergo, TUV/GS, EPA, TCO Certified

## Cabinet

**Finish:** Textured  
**Foot:** Black  
**Front bezel:** Black  
**Rear cover:** Black

## What's in the box?

**Cables:** HDMI cable, DisplayPort cable, Power cable  
**Monitor with stand**



\* The maximum resolution works for either HDMI input or DP input.

\* Response time value equal to SmartResponse

\* NTSC Area based on CIE1976

\* sRGB Area based on CIE1931

\* EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.

\* When you adjust the angle of the monitor screen, the entire stand and rotating disk will also move with it as this is a swivel-adjustable monitor.

\* The products and accessories listed on this leaflet may differ by country and region.

\* The monitor may look different from feature images.