

PHILIPS

LCD monitor

Monitor

S Line

24 (23.8" / 60.5 cm diag.)

1920 x 1080 (Full HD)

242S9B



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 increases your productivity.

Great performance

- IPS LED wide view technology for image and color accuracy
- 16:9 Full HD display for crisp detailed images
- 100Hz Fast Refresh: for ultra-smooth images
- SmartImage presets for easy optimized image settings

Features for the way you work

- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity

Designed for comfortable productivity

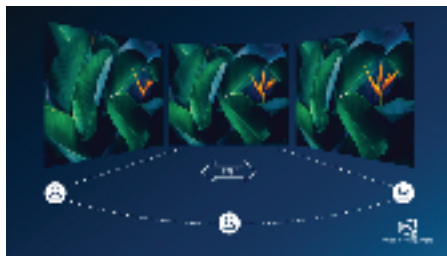
- LowBlue Mode for easy on-the-eyes productivity
- Less eye fatigue with Flicker-free technology
- EasyRead mode for a paper-like reading experience

Perfectly designed for your space

- VESA mount allows for flexibility
- Screen tilts to your ideal, individualized viewing angle

Highlights

IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

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.

100Hz Fast refresh

This Philips display refreshes the screen image up to 100 times per second which makes this monitor much faster than a standard display. It translates into super smooth actions on screen, guaranteeing the immediate visual benefits.

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.

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.

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.

EasyRead mode



EasyRead mode for a paper-like reading experience



Specifications

Picture/Display

LCD panel type: IPS technology
Backlight type: W-LED system
Panel Size: 23.8 inch / 60.5 cm
Display Screen Coating: Anti-Glare, 3H, Haze 25%
Effective viewing area: 527.04 (H) x 296.46 (V)
Aspect ratio: 16:9
Maximum resolution: 1920 x 1080 @ 100 Hz*
Pixel Density: 93 PPI
Response time (typical): 4 ms (GtG)*
Brightness: 250 cd/m²
Contrast ratio (typical): 1000:1
SmartContrast: 50,000,000:1
Pixel pitch: 0.2745 x 0.2745 mm
Viewing angle: 178° (H) / 178° (V), @ C/R > 10
Flicker-free
Picture enhancement: SmartImage
Display colors: 16.7 M (8 bits)
Color gamut (typical): NTSC 87%*, sRGB 93%*
Scanning Frequency: VGA/DVI: 30 - 115 kHz (H) / 48 - 60 Hz (V); HDMI/DP 30 - 115 kHz (H) / 48 - 100 Hz (V)
LowBlue Mode
EasyRead
sRGB
Adaptive sync

Connectivity

Sync Input: Separate Sync, Sync on Green
HDCP: HDCP 1.4 (HDMI / DisplayPort)
Signal Input: VGA (Analog) x 1, DVI-D x 1, HDMI 1.4 x 1, DisplayPort 1.2 x 1

Convenience

User convenience: Power On/Off, Menu/OK, Brightness/UP, Input/Down, SmartImage/Back, Brightness, Input, Menu, SmartImage
Control software: 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)
Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8

Stand

Tilt: -5/20 degree

Power

On mode: 19.7 W (typ.)
Standby mode: 0.3 W (typ.)
Off mode: 0.3 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)
Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm): 540 x 418 x 220 mm
Product without stand (mm): 540 x 322 x 57 mm
Packaging in mm (WxHxD): 600 x 420 x 133 mm

Weight

Product with stand (kg): 2.92 kg
Product without stand (kg): 2.60 kg
Product with packaging (kg): 5.01 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: 50,000 (Excluded backlight) hour(s)

Sustainability

Environmental and energy: RoHS, Mercury Free
Recyclable packaging material: 100 %

Compliance and standards

Regulatory Approvals: CECP, CCC, CEL

Cabinet

Color: Black
Finish: Textured

Design

Designed in Amsterdam, NL

