

LCD monitor with SoftBlue Technology



- S Line
- 24 (23.8" / 60.5 cm diag.)
- Full HD (1920 x 1080)

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## Reliable and essential features

that drive business efficiency

Our S Line monitor delivers business efficiency. A wide-view IPS display with SoftBlue technology is great for easy-on-the-eyes productivity. The height-adjustable, frameless display allows for tiling multiple monitors for an expanded view.

### Benefits

#### Brilliant performance

- IPS technology for full colors and wide viewing angles
- SmartImage presets for easy optimized image settings
- Narrow border display for a seamless appearance
- 16:9 Full HD display for crisp detailed images

#### Designed for comfortable productivity

- SoftBlue Technology easy on the eyes and maintains color
- EasyRead mode for a paper-like reading experience
- Less eye fatigue with Flicker-free technology

- LowBlue Mode for easy on-the-eyes productivity
- SmartErgoBase enables people-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort

#### Features for the way you work

- Built-in stereo speakers for multimedia
- SmartConnect with DisplayPort, HDMI and VGA connections

**PHILIPS**

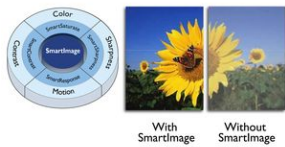
## Features

### 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 - even in 90 degree Pivot mode! 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.

### 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!

### UltraNarrow Border



The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

### SoftBlue Technology



SoftBlue LED technology uses a smart technology to reduce harmful shortwave blue light without affecting the color or image of the display. SoftBlue LED technology is certified by international testing organizations TUV Rheinland to reduce harmful blue light.

### EasyRead mode



### 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.

### SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; 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.

### SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multi connections like VGA, Display Port, universal HDMI connector, enabling you to enjoy high resolution uncompressed video and audio content. USB connections ensures that you can have super speed data transfers while having global connectivity. Regardless of what source you use, you can rest assured that this Philips display will ensure your investment is not made obsolete any time soon!

## 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.

## Low bezel-to-table height



The Philips monitor, thanks to its advanced SmartErgoBase, can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.

## 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	IPS technology
Backlight type	W-LED system
Panel Size	23.8 inch / 60.5 cm
Effective viewing area	527 (H) x 296.5 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60Hz
Response time (typical)	5 ms (Gray to Gray)*
Pixel Density	93 PPI
Brightness	250 cd/m <sup>2</sup>
Contrast ratio (typical)	1,000:1
SmartContrast	20,000,000 :1
Pixel pitch	0.275 x 0.275 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Color gamut (typical)	NTSC 80%*, sRGB 101%*
Picture enhancement	SmartImage
Display colors	16.7 M
Scanning Frequency	30 - 83 kHz (H) / 56 - 76 Hz (V)
SoftBlue	Yes
Flicker-free	Yes
sRGB	Yes
EasyRead	Yes
LowBlue Mode	Yes

### Connectivity

Signal Input	VGA (Analog ) HDMI 1.4 DisplayPort 1.2
USB	USB 2.0 x 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 Volume 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
Ukrainian
Kensington lock
VESA mount (100x100mm)
DDC/CI
Mac OS X
sRGB
Windows 10 / 8.1 / 8 / 7

### Other convenience

### Plug & Play Compatibility

### Stand

Height adjustment	130 mm
Pivot	90 degree
Swivel	-175/+175 degree
Tilt	-5/25 degree

### Power

ECO mode	11 W (typ.)
On mode	14.6 W (typ.) (EnergyStar 7.0 test method)
Standby mode	< 0.5 W (typ.)
Off mode	< 0.3 W (typ.)
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	100-240VAC, 50-60Hz Built-in

### Dimensions

Product with stand (mm)	540 x 483 x 202 mm
Product with stand in inch	21.3 x 19.0 x 8.0 inch
Product without stand (mm)	540 x 325 x 45 mm
Product without stand in inch	21.3 x 12.8 x 1.8 inch
Packaging in mm (WxHxD)	602 x 457 x 199 mm
Packaging in inch (WxHxD)	23.7 x 18.0 x 7.8 inch

### Weight

Product with stand (kg)	5.10 kg
Product with stand (lb)	11.22 lb
Product without stand (kg)	3.20 kg

Product without stand (lb)	7.04 lb
Product with packaging (kg)	7.40 kg
Product with packaging (lb)	16.28 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* RoHS
Recyclable packaging material	100 %
Recycled material	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 TCO certified EPA WEEE UKRAINIAN ICES-003 TUV/ISO9241-307 PSB CECP TUV Cert. - blue light cut-off
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#### Cabinet

Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

\* Response time value equal to SmartResponse

\* NTSC Area based on CIE1976

\* sRGB Area based on CIE 1931

\* EPEAT Gold or Silver is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.



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