PHILIPS

LCD monitor

S Line

23 (22.5" / 57.2 cm diag.)

WUXGA (1920 x 1200)

230S8QHSB

Reliable and essential
for business efficiency

Our S Line monitor delivers business efficiency. The 16:10 ratio display gives you extra vertical height for increased productivity, while flicker-free and LowBlue mode make work easy-on-the eyes.

Great performance
- IPS LED wide view technology for image and color accuracy
- 16:10 aspect ration for more vertical screen height
- SmartImage presets for easy optimized image settings
- HDMI ensures universal digital connectivity

Perfectly designed for your space
- VESA mount allows for flexibility
- Screen tilts to your ideal, individualized viewing angle
- Narrow border display for seamless appearance

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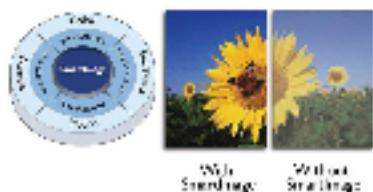- EasyRead mode for a paper-like reading experience

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.

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!

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).

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.

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

EasyRead mode for a paper-like reading experience

Specifications

Picture/Display

LCD panel type: IPS technology
Backlight type: W-LED system
Panel Size: 22.5 inch / 57.2 cm
Display Screen Coating: Anti-Glare, 3H, Haze 25%
Effective viewing area: 488.16 (H) x 297.18 (V)
Aspect ratio: 16:10
Optimum resolution: 1920 x 1200 @ 60Hz
Pixel Density: 101 PPI
Response time (typical): 5 ms (Gray to Gray)*
Brightness: 250 cd/m²
Contrast ratio (typical): 1000:1
SmartContrast: 50,000,000:1
Pixel pitch: 0.254 x 0.254 mm
Viewing angle: 178º (H) / 178º (V), @ C/R > 10
Flicker-free
Picture enhancement: SmartImage
Color gamut (typical): NTSC 85%*, sRGB101.8%*
Display colors: 16.7M
Scanning Frequency: 30 – 83 kHz (H) / 56 – 76 Hz (V)
sRGB
EasyRead
LowBlue Mode

Connectivity

Signal Input: VGA (Analog), HDMI 1.4
Sync Input: Separate Sync, Sync on Green
Audio (In/Out): Audio out

Convenience

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: 9.4 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.)
Power LED indicator: Operation – White, Standby mode– White (blinking)
Power supply: Built-in, 100–240VAC, 50-60Hz

Dimensions

Product with stand(max height): 499 x 414 x 208 mm
Product without stand (mm): 499 x 323 x 42 mm
Packaging in mm (WxHxD): 559 x 481 x 136 mm

Weight

Product with stand (kg): 3.00 kg
Product without stand (kg): 2.58 kg
Product with packaging (kg): 4.53 kg

Operating conditions

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

Sustainability

Environmental and energy: EnergyStar 7.0, RoHS, TCO certified, WEEE
Recyclable packaging material: 100 %
Recycled material: 25%
Specific Substances: PVC / BFR free housing, Mercury free, Lead free

Compliance and standards

Regulatory Approvals: CCC, CECP, CEL

Cabinet

Front bezel: Black/Black
Rear cover: Black/Black
Foot: Silver/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
* The monitor may look different from feature images.