

Philips
LCD monitor

E Line

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

241E1S



Simply stunning

The 24" E Line monitor features stunning visuals and elegant design for a stylish enhancement to your workspace. Experience crisp Full HD visuals, and smooth action with AMD FreeSync technology.

Features designed for you

- HDMI ensures universal digital connectivity
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity

Greener everyday

- Mercury Free eco-friendly display

Superb Picture Quality

- SmartContrast for rich black details
- 16:9 Full HD display for crisp detailed images
- IPS LED wide view technology for image and color accuracy
- SmartImage game mode optimized for gamers
- Effortlessly smooth gameplay with AMD FreeSync™ technology

PHILIPS

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Highlights

IPS technology



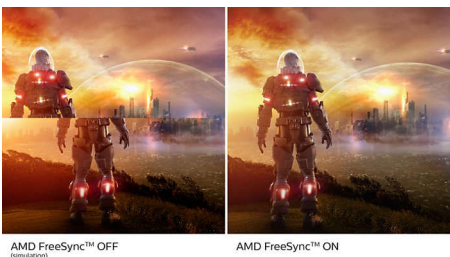
IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and 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.

Ultra-smooth gaming



Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new

Philips monitor it doesn't have to be. Get fluid, artifact-free performance at virtually any framerate with AMD FreeSync™ technology, smooth quick refresh and ultra-fast response time.

SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

SmartImage Game mode



The new Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal

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customized settings based on different games, ensuring best performance.

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.



Specifications

Connectivity

- Signal Input: VGA (Analog), HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI audio out

Picture/Display

- Panel Size: 23.8 inch / 60.5 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.275 x 0.275 mm
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Color gamut (typical): NTSC 91%*, sRGB 106%*
- Contrast ratio (typical): 1000:1
- SmartContrast: Mega Infinity DCR
- Response time (typical): 4 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- Maximum resolution: 1920 x 1080 @ 75 Hz*
- Effective viewing area: 527 (H) x 296.5 (V)
- Scanning Frequency: 54 - 84 kHz (H) / 49 - 75 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 93 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- AMD FreeSync™ technology

Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: Power On/Off, Menu, Brightness, Input, SmartImage Game
- 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
- Other convenience: Kensington lock, VESA mount (100x100mm)

Stand

- Tilt: -5/20 degree

Power

- Power supply: External, 100-240VAC, 50-60Hz

- Off mode: < 0.3 W (typ.)
- On mode: 11.61 W (typ.) (EnergyStar test method)
- Standby mode: < 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

- Product with stand (mm): 540 x 414 x 195 mm
- Product with stand in inch: 21.3 x 16.3 x 7.7 inch
- Packaging in mm (WxHxD): 586 x 466 x 127 mm
- Product without stand (mm): 540 x 325 x 43 mm
- Packaging in inch (WxHxD): 23.1 x 18.3 x 5.0 inch
- Product without stand in inch: 21.3 x 12.8 x 1.7 inch

Weight

- Product with packaging (kg): 4.52 kg
- Product with stand (kg): 3.08 kg
- Product with packaging (lb): 9.94 lb
- Product with stand (lb): 6.78 lb
- Product without stand (kg): 2.40 kg
- Product without stand (lb): 5.28 lb

Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0 to 40 °C
- MTBF: 50,000 hrs (excluding backlight) hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20 to 60 °C

Sustainability

- Environmental and energy: EnergyStar 8.0, RoHS, Mercury Free, WEEE
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: CCC, CECP, CEL, CB, EPA

Cabinet

- Color: Black
- Finish: Textured

What's in the box?

- Cables: HDMI cable, Power cable
- Monitor with stand
- User Documentation



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or their respective owners.

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

* The maximum resolution works for HDMI input only.

* Response time value equal to SmartResponse

* NTSC Area based on CIE1976

* sRGB Area based on CIE1931

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* The monitor may look different from feature images.