



Philips Brilliance
LCD monitor with Ultra
Wide-Color

P Line

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

Brilliance

241P8QPTKEB



Clear vision from edge-to-edge

The Philips Brilliance 24" monitor delivers outstanding picture quality while saving energy. Expand your view with the frameless IPS display. Hideaway PowerSensor conserves energy for smart use.

Brilliant performance

- Narrow border display for seamless appearance
- Ultra Wide-Color wider range of colors for a vivid picture
- IPS technology for full colors and wide viewing angles

Designed for comfortable productivity

- LowBlue Mode for easy on-the-eyes productivity
- SmartErgoBase enables people-friendly ergonomic adjustments
- EasyRead mode for a paper-like reading experience

Features for the way you work

- Webcam pops up when you need it; secures down when you don't
- Built-in stereo speakers for multimedia
- DisplayPort-out for connecting additional displays

Sustainable Eco-design

- Hideaway PowerSensor saves up to 80% energy costs
- LightSensor for the perfect brightness with minimal power

PHILIPS

Highlights

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.

Ultra Wide-Color Technology



Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

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.

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.

EasyRead mode



EasyRead mode for a paper-like reading experience

Pop-up webcam



Webcams are great for connecting with others and collaborating on that important project. Sometimes, though, you don't want a webcam looking down on your desk. Our ingenious new pop-up webcam design pops up when it's time for meetings and for security tucks away nicely when you are not using it.

DisplayPort-out

With DisplayPort-out you can connect multiple high resolution displays with just one cable from your first display to the PC. The ability to daisy chain multiple displays enables you to create a clean desktop without the hassle of too many wires all over.

Hideaway PowerSensor

PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and then automatically reduces monitor brightness when the user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life. The new Hideaway PowerSensor can be folded out of the way for multiple monitor tiling set-ups.



Specifications

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)
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Pixel Density: 93 PPI
- Response time (typical): 5 ms (Gray to Gray)*
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.275 x 0.275 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Color gamut (typical): NTSC 109%*, sRGB128%*
- Display colors: 16.7M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB
- Delta E: <2
- EasyRead
- LowBlue Mode

Connectivity

- Signal Input: VGA (Analog), DisplayPort 1.2, mini DisplayPort 1.2 x 1, HDMI 1.4
- Signal Output: DisplayPort out
- Sync Input: Separate Sync, Sync on Green
- USB: USB 3.0x3 (1 w/fast charging)*
- Audio (In/Out): PC audio-in, Headphone out

Convenience

- Built-in Speakers: 2 W x 2
- Built-in webcam: 2.0 megapixel camera with microphone and LED indicator
- User convenience: SmartImage, Input, PowerSensor, LightSensor, 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
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand

- Height adjustment: 150 mm

- Pivot: 90 degree
- Swivel: -175/175 degree
- Tilt: -5/30 degree

Power

- ECO mode: 9.8 W (typ.)
- On mode: 15.8 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: <0.3 W (typ.)
- Off mode: Zero watts with Zero switch
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions

- Product with stand(max height): 540 x 443 x 257 mm
- Product without stand (mm): 540 x 313 x 48 mm
- Packaging in mm (WxHxD): 603 x 469 x 224 mm

Weight

- Product with stand (kg): 6.03 kg
- Product without stand (kg): 3.61 kg
- Product with packaging (kg): 8.43 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 (demonstrated): 70,000 hrs (excluded backlight)

Sustainability

- Environmental and energy: PowerSensor, EnergyStar 7.0, EPEAT Gold*, TCO edge, RoHS
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 85%
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

Compliance and standards

- Regulatory Approvals: CCC, CECP, EPA, TCO edge, WEEE

Cabinet

- Front bezel: Black
- Rear cover: Black
- Foot: Black
- Finish: Texture



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* EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.
* Fast charging through BC 1.2 standard
* Response time value equal to SmartResponse
* NTSC Area based on CIE1976
* sRGB Area based on CIE 1931