

Philips Brilliance  
LCD monitor, LED  
backlight

**P Line**  
24" (61 cm)  
Full HD display

**241P4LRYEB**

# World's first ErgoSensor display

for a healthy, productive workplace

The innovative Philips ErgoSensor monitor is the world's first intelligent display that can advise you how to sit in an ergonomically correct position at your computer screen

## Designed for people

- Low bezel-to-table height for maximum reading comfort
- SmartErgoBase enables user-friendly ergonomic adjustments

## ErgoSensor for ultimate ergonomics

- Optimal viewing distance measurement and advice
- Neck posture detection and corrective advice
- Time-break reminder
- ErgoSensor for a healthier way of working
- Saves up to 80% energy costs

## Sustainable Eco-design

- Zero power consumption with 0 watt hard switch
- PVC-BFR free housing

## Easy to experience

- SmartImage pre-sets for easy optimised image settings

**PHILIPS**

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# Highlights

## ErgoSensor

It is Philips firm belief that work should be suited to people, and not the other way around. To promote a healthier and productive workplace, Philips has developed the world's first innovative technology called "ErgoSensor", which is embedded in the monitor to sense and measure the user's behaviour. ErgoSensor advises users on how to sit in an ergonomic position at their computer with a corrective feedback on optimal viewing distance, ergonomic neck angle and a time break advice. It also saves up to 80% energy consumption if user is not present on the seat by powering off the monitor.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your 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 optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

## SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height-adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

## Power Saving

ErgoSensor has an embedded innovative sensor that senses and measures users' behaviour. It can detect if the user is present in the seat, or not. It automatically reduces the monitor brightness when the user steps away, cutting energy costs by up to 80%. It automatically turns on to full performance upon the user's return to the seat. This not only saves energy, but also helps prolong monitor lifetime reducing your carbon footprint.

## Low bezel-to-table height



Thanks to its advanced SmartErgoBase, the Philips monitor 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 users of different heights to use the monitor at their preferred angle and height settings, helping them to reduce fatigue and strain.

## PVC-BFR free housing

This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free)

## Zero power consumption

At the flick of the 0 watt hard switch, which is conveniently located at the back of the monitor, you can completely cut off your monitor from AC power. This results in zero power consumption, reducing your carbon footprint even further

## Viewing distance advice

Optimal viewing distance measurement and advice

## Time-break reminder

Time-break reminder

## Posture detection and corrective advice

The innovative Philips ErgoSensor monitor with intelligent posture detection sensor interactively advises you to sit in an ergonomically correct position at your computer screen.



# Specifications

## Connectivity

- Signal Input: DisplayPort x 1, DVI-D (digital, HDCP), VGA (Analogue)
- USB: USB 2.0 x 4
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

## Picture/Display

- Panel Size: 24 inch/61 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.276 x 0.276 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage
- Effective viewing area: 531.4 (H) x 298.9 (V)
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

## Convenience

- Built-in Speakers: 1.5 W x 2
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP
- User convenience: SmartImage, Volume, Ergo, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Control software: SmartControl Premium

## Stand

- Height adjustment: 130 mm
- Pivot: 90 degree, clockwise, auto pivot
- Swivel: -65/+65 degree
- Tilt: -5/20 degree

## Power

- ECO mode: 12.3 W (typ.)
- Power supply: 100-240 VAC, 50/60 Hz, Built-in
- Off mode: Zero watts with Zero switch
- On mode: 21.5 W (EnergyStar 5.0 test method)
- Standby mode: 0.1 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)

## Dimensions

- Product with stand (mm): 565 x 518 x 220 mm
- Packaging in mm (W x H x D): 605 x 442 x 252 mm
- Product without stand (mm): 565 x 352 x 55 mm

## Weight

- Product with packaging (kg): 8.80 kg
- Product with stand (kg): 6.35 kg
- Product without stand (kg): 4.20 kg

## Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%–80% %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

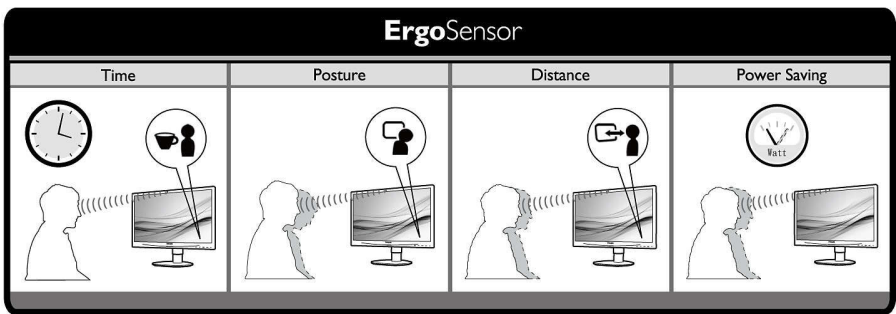
- Environmental and energy: ErgoSensor, EnergyStar 5.0, TCO Certified Edge, RoHS
- Post-consumer recycled plastic: 65%
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TUV Ergo, TUV/GS, UL/cUL, WEEE

## Cabinet

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



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