



Philips Brilliance  
LCD monitor, LED  
backlight with ErgoSensor

P Line  
24" (61 cm)  
Full HD display

**Brilliance**

**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

### ErgoSensor for ultimate ergonomics

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

### Sustainable Eco-design

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

### Designed for people

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

### Easy to experience

- SmartImage presets for easy optimized image settings

**PHILIPS**

LCD monitor, LED backlight  
P Line 24" (61 cm), Full HD display

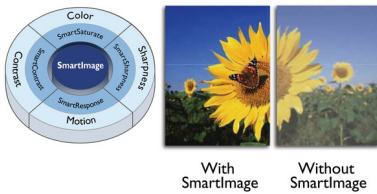
241P4LRYEB/00

# 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 world's first innovative technology called "ErgoSensor" which is embedded in the monitor to sense and measure the user's behavior. ErgoSensor advises users 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 upto 80% energy consumption if user is not present on the seat by powering off the monitor.

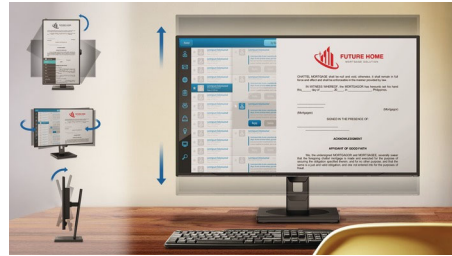
## SmartImage



SmartImage is an exclusive leading edge Philips technology that 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!

## 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.

## 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.

## 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, you can completely cut-off your monitor from AC power. This results in zero power consumption reducing your carbon footprint even further



ErgoSensor



LED



SmartErgo Base



Built-in Speaker



USB 4x



Zero Power Switch



TCo Certified

# Specifications

## Picture/Display

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

## Connectivity

- Signal Input: DisplayPort x 1, DVI-D (digital, HDCP), VGA (Analog)
- 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: 1.5Wx2
- User convenience: SmartImage, Volume, Ergo, Menu, Power On/Off
- Control software: SmartControl Premium
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP

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

## Dimensions

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

## Weight

- Product with stand (kg): 6.35 kg
- Product without stand (kg): 4.20 kg
- Product with packaging (kg): 8.80 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 %
- MTBF: 30,000 hour(s)

## Sustainability

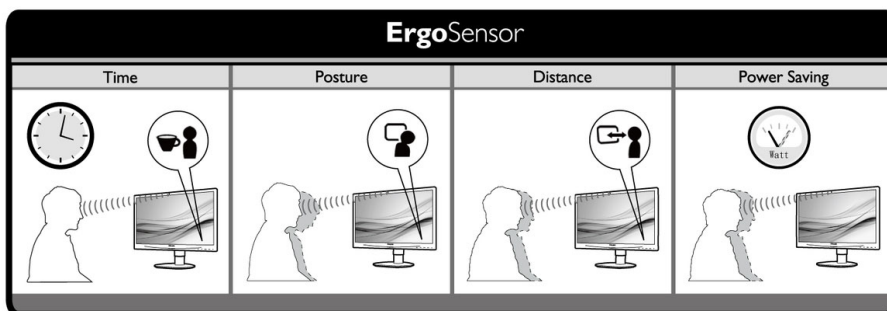
- Environmental and energy: ErgoSensor, EnergyStar 5.0, TCO Certified Edge, RoHS
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 65%
- Specific Substances: PVC / BFR free housing, Mercury free

## Compliance and standards

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

## Cabinet

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



Issue date 2022-04-21

Version: 4.0.1

12 NC: 8670 000 81238  
EAN: 87 12581 61837 7

© 2022 Koninklijke Philips N.V.  
All Rights reserved.

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips N.V.  
or their respective owners.

[www.philips.com](http://www.philips.com)