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 people-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 presets for easy optimized image settings

PHILIPS

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

Without SmartImage / With 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 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 a embedded innovative sensor that senses and measures users behavior. 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 upto 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 foot print.

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

Viewing distance advice

Optimal viewing distance measurement and advice

Time-break reminder

Time-break reminder

Posture detection and correcti

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

ErgoSensor · SmartImage™ · SmartErgo Base · Zero Power Switch · Built-in Speaker · LED · USB 4x · SmartErgo Base

Specifications

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

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: 1920x 1080 @ 60Hz
- Brightness: 250 cd/m²
- Display colors: 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 > 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: 1.5Wx2
- Plug & 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 (100x100mm)
- 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: 100-240VAC, 50/60Hz, 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 (blinking)

Dimensions

- Product with stand (mm): 565 x 518 x 220 mm
- Packaging in mm (WxHxD): 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
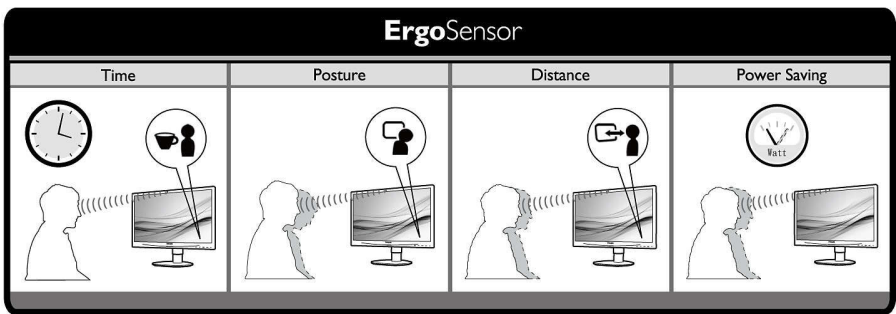
Sustainability

- 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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