Philips Brilliance
LCD monitor, LED
backlight

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

241P4QRYES

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

Brilliant performance
- AMVA LED for wide-view super-high contrast, vivid images
- DisplayPort offers audio and video over a single, long cable
- SmartImage pre-sets for easy optimised image settings

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

Sustainable Eco-design
- Zero power consumption with 0 watt hard switch

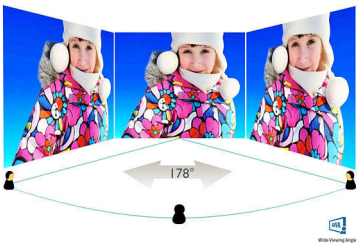
PHILIPS

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 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.

AMVA LED display



Philips AMVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images even in 90 degree pivot mode

DisplayPort

DisplayPort is a digital link from PC to monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15 metre cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates — making DisplayPort the best choice for not only general office or home use, but also for the more demanding gaming and films, video editing and more. It also keeps interoperability in mind via the use of various adapters.

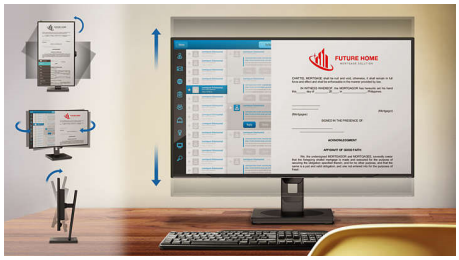
SmartImage

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!

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

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.

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.

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.

ErgoSensor | Wide Viewing Angle | SmartImage | Zero Power Switch | SmartErgo Base | Zero Power Switch | SmartErgo Base | Built-in Speaker | Wide Viewing Angle

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P Line 24" (61 cm), Full HD AMVA display

241P4QRYES/00

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: AMVA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.276 x 0.276 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 3000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 12 ms
- Viewing angle: 178° (H)/178° (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
- SmartResponse (typical): 4 ms (Grey to Grey)*

Convenience
- Built-in Speakers: 1.5 W x 2
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/Vista
- User convenience: SmartImage, Volume, Ergo, Menu, Power On/Off
- 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 (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: 16 W (typ.)
- Power supply: 100–240 VAC, 50–60 Hz, Built-in
- Off mode: Zero watts with Zero switch
- On mode: 21.6 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.2 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions
- Packaging in mm (W x H x D): 626 x 422 x 273 mm
- Product without stand (mm): 565 x 353 x 61 mm
- Product with stand (max height): 565 x 521 x 220 mm

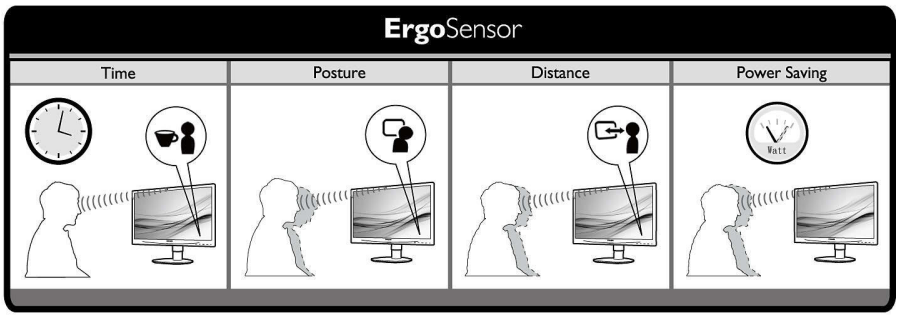
Weight
- Product with packaging (kg): 7.93 kg
- Product with stand (kg): 5.3 kg
- Product without stand (kg): 3.1 kg

Operating conditions
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- 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: EnergyStar 6.0, ErgoSensor, 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, cETLus, FCC Class B, GOST, SASO, SEMKO, TCO 6.0, TUV Ergo, TUV/GS, WEEE

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



Issue date 2024-04-24

Version: 1.0.1

EAN: 87 12581 69689 4

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* "AMVA" word mark/trademark and related patents on technologies belong to their respective owners.
* Smart response time is the optimum value from either GtG or GtG (BW) tests.