



Philips

LCD monitor, LED backlight with ErgoSensor

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

241P4QRYES/00

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

Benefits

ErgoSensor for ultimate ergonomics

- ErgoSensor for a healthier way of working
- Optimal viewing distance measurement and advice
- Time-break reminder
- Neck posture detection and corrective advice

Brilliant performance

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

Sustainable Eco-design

- Zero power consumption with 0 watt hard switch
- 65% post-consumer recycled plastics with TCO Edge

Designed for people

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

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Features

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

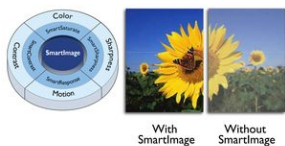


Philips AMVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, films, gaming and demanding 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

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

LCD panel type	AMVA 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	1920 x 1080 @ 60 Hz
Response time (typical)	12 ms
SmartResponse (typical)	4 ms (Grey to Grey)*
Brightness	250 cd/m ²

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

TCO Edge

TCO Edge certification is given to products that go beyond existing eco-labelling programmes. Over and above standard TCO requirements, it further mandates that the product uses a minimum of 65% post-consumer recycled plastics, is energy efficient, uses minimal hazardous materials, has 100% recyclable packaging and, amongst other requirements, is designed for easy recycling. You can rest assured that this Philips monitor is a cutting edge technology product, which is best in class ICT, benefitting you and the planet while helping you make a responsible green IT purchase!

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, 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.

Contrast ratio (typical)	3000:1
SmartContrast	20,000,000:1
Pixel pitch	0.276 x 0.276 mm
Viewing angle	178° (H)/178° (V) @ C/R > 10
Picture enhancement	SmartImage
Display colours	16.7 M
Scanning Frequency sRGB	30–83 kHz (H)/56–75 Hz (V) Yes

Connectivity

Signal Input	DisplayPort
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	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

Convenience

Built-in Speakers	1.5 W x 2
User convenience	SmartImage
	Volume
	Ergo
	Menu
	Power On/Off
Control software	SmartControl Premium
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)
Plug and Play	DDC/CI
Compatibility	Mac OS X
	sRGB
	Windows 8/7/Vista

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.)
On mode	21.6 W (typ.) (EnergyStar 6.0 test method)
Standby mode	0.2 W (typ.)
Off mode	Zero watts with Zero switch
Power LED indicator	Operation - White
	Standby mode - White (flashing)
Power supply	100-240 VAC, 50-60 Hz
	Built-in

Dimensions

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

Weight

Product with stand (kg)	5.3 kg
Product without stand (kg)	3.1 kg
Product with packaging (kg)	7.93 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
MTBF	30,000 hour(s)

Sustainability

Environmental and energy	EnergyStar 6.0
	ErgoSensor
	EPEAT Gold*
	TCO edge
	RoHS
Recyclable packaging material	100 %
Post-consumer recycled plastic	65%
Specific Substances	PVC/BFR free housing
	Mercury free
	Lead 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

Front bezel	Silver
Rear cover	Black
Foot	Black
Finish	Texture

* "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.

* EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.



data subject to change
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