Philips Brilliance
LCD monitor with
PowerSensor

P Line
24.1" (61 cm)
WUXGA (1920 x 1200)

240P4QPYEB

Sustainable eco design display

with PowerSensor saves energy bills

This professional Philips PowerSensor display with IPS LED gives you brilliant wide-angle images. With features like multi-connectivity, USB hub and super-ergonomic base, it's ready for eco-friendly productivity.

Brilliant performance
- Built-in stereo speakers for multimedia
- IPS technology for full colours and wide viewing angles
- DisplayPort delivers high bandwidth for ultra-fine images

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

Sustainable Eco-design
- Zero power consumption with 0 watt hard switch
- PVC-BFR free housing
- PowerSensor saves up to 80% energy costs
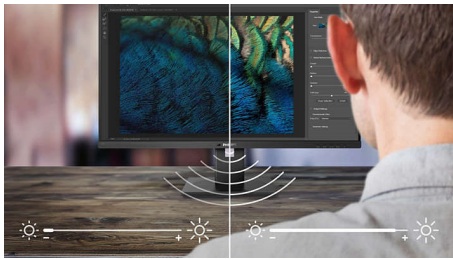
Easy to experience
- USB Hub with four ports for easy connections
- SmartImage pre-sets for easy optimised image settings
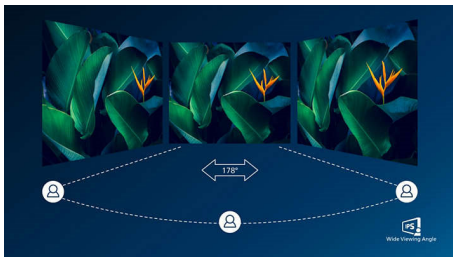
PHILIPS

Highlights

PowerSensor

PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and then automatically reduces monitor brightness when then user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life
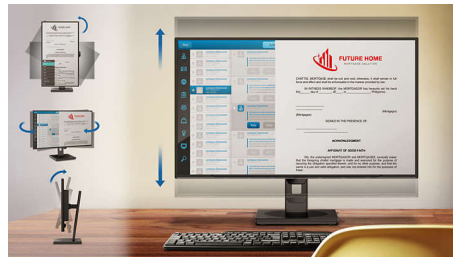
IPS technology

IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in 90-degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colours, making it ideal not only for Photos, films and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

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.

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.

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!

Built-in stereo speakers

A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

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.

Four Ports USB 2.0 HUB

USB Hub allows user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices which have USB connection available. The conveniently located USB 2.0 Hub on the monitor allows USB 2.0 signals to pass through to the computer. Note that many devices like cameras and HDD may need to be powered On independently, as they have higher power requirements than the monitor USB Hub can provide.

PVC-BFR free housing

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

PowerSensor   Wide Viewing Angle   SmartErgo Base   SmartImage™   Built-in Speaker   USB 4x   Zero Power Switch   Zero Power Switch   Wide Viewing Angle

Specifications

Connectivity
- Signal Input: DVI-D (digital, HDCP), VGA (Analogue), Display Port 1.2 (w/ HDCP 1.4)
- USB: USB 2.0 x 4
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Headphone out, PC audio-in

Picture/Display
- Panel Size: 24.1 inch / 61 cm
- Aspect ratio: 16:10
- LCD panel type: IPS 3H hardness hard coating
- Backlight type: W-LED system
- Pixel pitch: 0.270 x 0.270 mm
- Optimum resolution: 1920 x 1200 @ 60 Hz
- Brightness: 300 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms (Grey to Grey)*
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 518.4 (H) x 324 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

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: PowerSensor, SmartImage, Volume, 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

Stand
- Height adjustment: 130 mm
- Pivot: 90 degree
- 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: 18.3 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: <0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions
- Product with stand (mm): 555 x 550 x 244 mm
- Packaging in mm (W x H x D): 632 x 457 x 286 mm
- Product without stand (mm): 555 x 388 x 65 mm

Weight
- Product with packaging (kg): 9.80 kg
- Product with stand (kg): 6.97 kg
- Product without stand (kg): 4.64 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
- Relative humidity: 20%–80% %
- Temperature range (storage): -20°C to 60°C °C
- MTBF (demonstrated): 50,000 hrs (excluded backlight)

Sustainability
- Environmental and energy: EnergyStar 7.0, PowerSensor, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free
- Recycled material: 25%

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SEMKO, TUV Ergo, TUV/GS, UL/cUL, WEEE, TCO Certified

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

What's in the box?
- Cables: VGA, DVI, DP, Audio, Power
- Monitor with stand
- User Documentation