Sustainable eco design display

with PowerSensor saves energy bills

The Philips PowerSensor AMVA LED display using 65% post consumer recycled plastics and PVC, BFR free housing is ideal for eco-friendly productivity

Brilliant performance
- AMVA LED for wide-view super-high contrast, vivid images
- Built-in stereo speakers for multimedia
- DisplayPort offers audio and video over a single, long cable

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

Sustainable Eco-design
- Zero power consumption with 0 watt hard switch
- PVC-BFR free housing
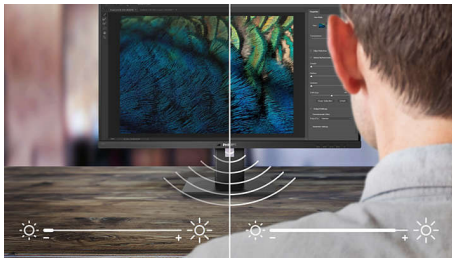- PowerSensor saves up to 80% energy costs

Easy to experience
- USB Hub with 4 ports for easy connections
- SmartImage presets for easy optimized image settings
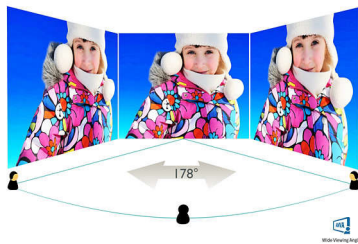
PHILIPS

Highlights

PowerSensor

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

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, movies, gaming, and demanding graphical applications. It's optimized 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 15meter 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 demanding gaming and movies, video editing

and more. It also keeps interoperability in mind via 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.

4 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 has USB connection available. The conveniently located USB 2.0 Hub on the monitor allows USB 2.0 signals to pass thru 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.

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.

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!

Built-in stereo speakers

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

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 · USB 4x · SmartImage™ · Built-in Speaker · Zero Power Switch · Built-in Speaker

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: AMVA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.276 x 0.276 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 3,000:1
- SmartContrast: 20,000,000 :1
- Response time (typical): 4 ms (Gray to Gray)*
- 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

Convenience
- Built-in Speakers: 1.5Wx2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/Vista
- User convenience: SmartImage, Volume, PowerSensor, 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 (100x100mm)
- Control software: SmartControl Premium

Stand
- Height adjustment: 130 mm
- Pivot: 90 degree
- Swivel: -65/+65 degree
- Tilt: -5/20 degree

Power
- ECO mode: 15 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with Zero switch
- On mode: 21.3 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.1W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Packaging in mm (WxHxD): 626 x 422 x 273 mm
- Product without stand (mm): 565 x 353 x 61 mm
- Packaging in inch (WxHxD): 24.6 x 16.6 x 10.7 inch
- Product without stand in inch: 22.2 x 13.9 x 2.4 inch
- Product with stand(max height): 565 x 521 x 220 mm
- Product with stand(max height): 22.2 x 20.5 x 8.7 inch

Weight
- Product with packaging (kg): 7.93 kg
- Product with stand (kg): 5.30 kg
- Product with packaging (lb): 17.45 lb
- Product with stand (lb): 11.66 lb
- Product without stand (kg): 3.10 kg
- Product without stand (lb): 6.82 lb

Operating conditions
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- 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: PowerSensor, EnergyStar 6.0, 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, cETLus, FCC Class B, GOST, SASO, SEMKO, TCO 6.0, TUV Ergo, TUV/GS, WEEE

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

* Response time value equal to SmartResponse