Philips Brilliance LCD monitor, LED backlight with PowerSensor

P-line
24" / 61 cm
Full HD AMVA display

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

**Sustainable Eco-design**
- PowerSensor saves up to 80% energy costs
- Zero power consumption with 0 watt hard switch
- 65% post consumer recycled plastics with TCO Edge
- PVC-BFR free housing

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

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

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

PHILIPS
Highlights

**PowerSensor**

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<tr>
<th>User present in front</th>
<th>User not present</th>
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<td><img src="image" alt="PowerSensor" /></td>
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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’s people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; cable management reduces cable clutter and keeps the workspace neat and professional.

**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!

**TCO Edge**

TCO Edge certification is given to products which go beyond existing eco-labeling programs. Over and above standard TCO requirements, it further mandates that the product uses minimum 65% of post consumer recycled plastics, is energy efficient, uses minimal hazardous materials, has 100% recyclable packaging, and is designed for easy recycling amongst other requirements. 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!

**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.
**Specifications**

**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 @ 60Hz
- Response time (typical): 12 ms
- SmartResponse (typical): 4 ms (Gray to Gray)*
- Brightness: 250 cd/m²
- Contrast ratio (typical): 3,000:1
- SmartContrast: 20,000,000 :1
- Viewing angle: 178º (H) / 178º (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- rRGB

**Connectivity**
- Signal Input: DisplayPort, 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

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

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

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

**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 (WxHxD): 626 x 422 x 273 mm

**Weight**
- Product with stand (kg): 5.30 kg
- Product without stand (kg): 3.10 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF: 30,000 hour(s)

**Sustainability**
- Environmental and energy: PowerSensor, EnergyStar 6.0, 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: Black
- Rear cover: Black
- Foot: Black
- Finish: Texture

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* EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.
* Smart response time is the optimum value from either GtG or GrG (BW) tests.