Great LED images in vivid colors

Enjoy vivid LED pictures on this Philips display. Equipped with SmartContrast, it's a great choice!

Vivid pictures every time

- AH-IPS display gives awesome images with wide viewing angles
- SmartContrast for rich black details

Great choice

- Compact design saves space
- Mercury Free eco-friendly display
- VESA mount allows for flexibility

PHILIPS

Specifications

Picture/Display
- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Panel Size: 19.45 inch / 49.4 cm
- Effective viewing area: 418.61 (H) x 262.35 (V)
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Aspect ratio: 16:10
- Optimum resolution: 1440 x 900 @ 60 Hz
- Response time (typical): 14 (GtG) ms
- Brightness: 250 cd/m²
- SmartContrast: 10,000,000:1
- Contrast ratio (typical): 1000:1
- Pixel pitch: 0.291 x 0.291 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -76 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green

Convenience
- User convenience: Power On/Off, Menu/OK, Brightness/Back, 4:3 Wide/Up, Auto/Down
- 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, Ukranian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8

Stand
- Tilt: -5/20 degree

Power
- On mode: 17.17 W (typ.), 18.1 W (max.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: External, 100-240VAC, 50-60Hz

Dimensions
- Product with stand (mm): 452 x 371 x 200 mm
- Product without stand (mm): 452 x 304 x 40 mm
- Packaging in mm (WxHxD): 508 x 432 x 111 mm

Weight
- Product with stand (kg): 2.28 kg
- Product without stand (kg): 2.00 kg
- Product with packaging (kg): 3.70 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: 50,000 (excluding backlight) hour(s)

Sustainability
- Environmental and energy: RoHS, Lead-free, Mercury Free
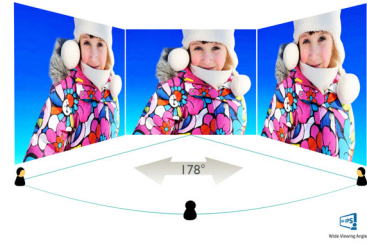- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: CE Mark, WEEE, CECP, CCC

Cabinet
- Color: Black
- Finish: Glossy (front bezel) / Texture (rear cover)

AH-IPS
Wide Viewing Angle

10,000,000:1
SmartContrast

Low Power

Lead Free!

Hg Free

Highlights

AH-IPS technology

AH-IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, AH-IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

Mercury Free
Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

* "IPS" 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.