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

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

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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.

Compact design saves space

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VESA mount

VESA mount allows for flexibility

Specifications

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

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

Convenience
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8
- 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, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)

Stand
- Tilt: -5/20 degree

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

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

Weight
- Product with packaging (kg): 3.70 kg
- Product with stand (kg): 2.28 kg
- Product without stand (kg): 2.00 kg

Operating conditions
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 50,000 (excluding backlight) hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

Sustainability
- Environmental and energy: RoHS, 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)

* "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.

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