Great LED images in vivid colours

Enjoy vibrant pictures on this Philips display. Essential features like SmartContrast, which ensures rich, bright images, make it a great choice!

Great choice

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

Vivid pictures every time

- SmartContrast for rich black details
- MVA Display for wide viewing angles and deep contrast levels
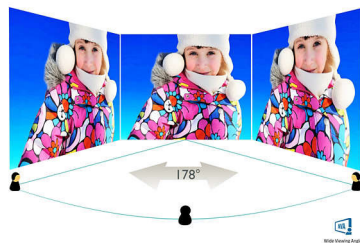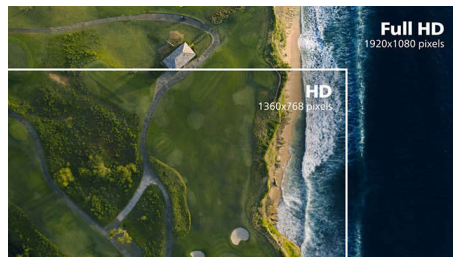- 16:9 Full HD display for crisp, detailed images

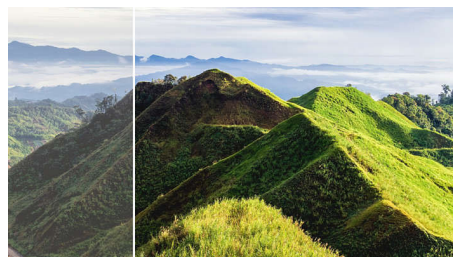## PHILIPS

Highlights

MVA Display Technology

The Philips MVA LED display uses an advanced multi-domain vertical alignment technology that 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, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178 degree extra-wide viewing angle, resulting in crisp images.

16:9 Full HD display

Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

SmartContrast

SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours 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 from Mercury, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its lifecycle, from manufacturing to disposal.

Compact design saves space

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VESA mount

VESA mount allows for flexibility

Specifications

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

Picture/Display
- Panel Size: 23.6 inch/59.9 cm
- Aspect ratio: 16:9
- LCD panel type: MVA
- Backlight type: W-LED system
- Pixel pitch: 0.272 x 0.272 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 3000:1
- SmartContrast: 10,000,000:1
- Response time (typical): 25 (Grey to Grey) ms
- Viewing angle: 178° (H)/178° (V), @ C/R > 20
- Effective viewing area: 521.28 (H) x 293.22 (V)
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB
- SmartResponse (typical): 8 (Grey to Grey) ms

Convenience
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8
- User convenience: Auto/Down, 4:3 Wide/Up, Brightness/Back, Menu/OK, Power On/Off
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Swedish, Turkish, Traditional Chinese, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)

Stand
- Tilt: -5/20 degree

Power
- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: 0.5 W (typ.)
- On mode: 21.07 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Energy Label Class: E

Dimensions
- Product with stand (mm): 551 x 420 x 220 mm
- Packaging in mm (W x H x D): 600 x 415 x 118 mm
- Product without stand (mm): 551 x 344 x 52 mm

Weight
- Product with packaging (kg): 5.00 kg
- Product with stand (kg): 3.66 kg
- Product without stand (kg): 3.22 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
- MTBF: 30,000 hour(s)
- Relative humidity: 20–80% %
- Temperature range (storage): -20°C to 60°C °C

Sustainability
- Environmental and energy: EnergyStar 6.0, RoHS, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, cETLus, FCC Class B, GOST, PSB, SASO, TCO Certified, TUV/ISO9241-307, WEEE

Cabinet
- Colour: Black
- Finish: Hairline (front bezel)/Texture (rear cover)

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

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