

Philips
LCD monitor with
Webcam

- E-line
- 23.6"/60 cm
- MHL Technology

247E4QHKAD



Socialise with webcam display

Entertain with MHL technology

Enhance your social networking with this Philips display. Its high-quality webcam with mic ensures you are seen and heard clearly. The latest MHL technology enables you to watch HD videos directly from your MHL mobile device while charging it

Social multimedia

- Webcam and mic keeps you connected with family and friends
- MHL technology for enjoying mobile content on a big screen
- Optional MHL cable allows for HD video audio playback
- HDMI-ready for Full HD entertainment
- Powerful sound with 2 x 2 watts RMS speakers
- Charge your mobile device while watching a movie

Superb Picture Quality

- IPS LED wide view technology for image and colour accuracy
- TrueVision ensures lab quality images
- SmartImage Lite for an enhanced LCD viewing experience

Elegant Design

- Elegant, slim design complements your home decor
- Superb black cherry glossy finish
- Modern Touch controls

PHILIPS

Highlights

MHL technology



Mobile High-Definition Link (MHL) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays. An optional MHL cable allows you to simply connect your MHL-capable mobile device to this large Philips MHL display and watch your HD videos come to life with full digital sound. Now not only can you enjoy your mobile games, photos, movies or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power halfway.

IPS technology



IPS displays use an advanced technology that gives you extra wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle—even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colours, making it ideal not only for Photos, movies and web browsing, but also for professional applications, which demand

colour accuracy and consistent brightness at all times.

Socialise with webcam

Embedded 2 megapixel webcam with superb, bright and crisp images enables you to socialise with your family and friends. Its sensitive microphone ensures that your voice carries through clearly. You can hear clear audio either from its built-in stereo speakers, or attach your own headphones for private conversations. This simple built-in solution ensures you don't have to get in a tangle anymore with installing a camera and positioning microphones.

SmartImage Lite

SmartImage Lite is an exclusive, leading edge Philips technology that analyses the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, colour saturation and sharpness of images and videos for ultimate display performance - all in real time with the press of a single button.

HDMI Ready



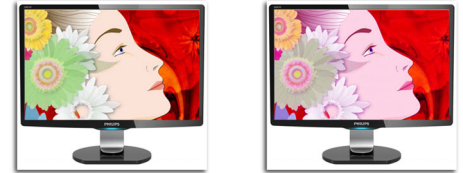
HDMI ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input, high quality digital video and audio signals all transmitted over a single cable from a PC or any number of AV sources including set-top boxes, DVD players and A/V receivers and video cameras.

Built-in stereo speakers

Now you can enjoy all your multimedia and social applications with stereo sound. These built-in speakers not only sound great, but also help you to get rid of external wire clutter and save valuable desktop space.

TrueVision



TrueVision On

TrueVision Off

TrueVision is a proprietary Philips technology that uses an advanced algorithm for testing and aligning the monitor display, which gives you the ultimate display performance 4 times more stringent than Windows sRGB requirements. Only Philips ensures each and every monitor that leaves the factory is fine tuned with this process so you can get consistent colour and picture quality.

Touch controls

Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch, Touch control gives the monitor a modern feel



Specifications

Picture/Display

- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Panel Size: 23.6 inch/59.9 cm
- Effective viewing area: 521.28 (H) x 293.22 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- SmartResponse (typical): 7 ms (Grey to Grey)
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.272 x 0.272 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage Lite
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- MHL: 1080P @ 30 Hz
- sRGB

Connectivity

- Signal Input: VGA (Analogue), HDMI, MHL-HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: PC audio-in, Headphone out, Microphone

Convenience

- Built-in Speaker: 2 W x 2
- Built-in webcam: 2.0 megapixel camera with microphone and LED indicator
- User convenience: SmartImage lite, Input, Menu, Power On/Off, Volume
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
- Other convenience: Kensington lock
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8

Stand

- Tilt: -5/20 degree

Power

- On mode: 24.6 W (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: External, 100-240 VAC, 50-60 Hz

Dimensions

- Product with stand (mm): 557 x 434 x 193 mm
- Product without stand (mm): 557 x 348 x 39 mm
- Packaging in mm (W x H x D): 605 x 505 x 104 mm

Weight

- Product with stand (kg): 3.44 kg
- Product without stand (kg): 3.16 kg
- Product with packaging (kg): 5.60 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 30,000 hour(s)

Sustainability

- Environmental and energy: EnergyStar 6.0, EPEAT Silver, RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TCO 6.0, TUV/ISO9241-307, UL/cUL, WEEE

Cabinet

- Colour: Black Cherry
- Finish: Glossy



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Version: 1.0.1

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* Requires optional MHL-certified mobile device and MHL cable (not included). Please check with your MHL device vendor for compatibility.

* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality
* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.