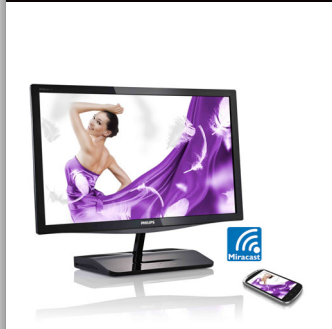




Philips Brilliance
LCD monitor with
Miracast

Blade 2
23" / 58.4cm
1920 x 1080

Brilliance



239C4QHWAB

Easily share your screen

thinner and lighter meets bigger and brighter

The new Philips Blade 2 display featuring Miracast allows you to wirelessly share Full HD content from your small screen to the big screen.

Brilliant performance

- IPS LED wide view technology for image and color accuracy
- SmartContrast 20000000:1 for incredible rich black details
- SmartImage: Optimized user-friendly display experience
- SmartTxt for a optimized reading experience
- SmartKolor for rich vibrant images

Entertainment with Miracast and MHL

- Wirelessly view Full HD content with Miracast
- MHL technology for enjoying mobile content on big screen
- Optional MHL cable allows for HD video audio playback
- Charge your mobile device while watching movie

Design that complements any interior

- Stylish, ultra-slim design for modern looks
- Superb glossy finish with distinctive features

PHILIPS

Highlights

IPS technology

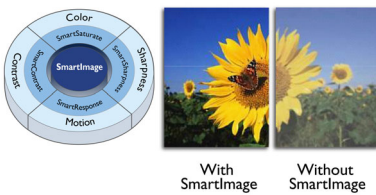


IPS

TN

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 - even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays give 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.

SmartImage

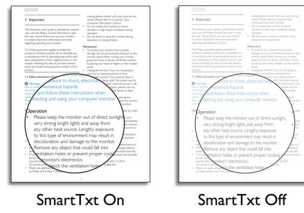


With SmartImage

Without 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, Image, Entertainment, 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!

SmartTxt



SmartTxt On

SmartTxt Off

SmartTxt is a sophisticated algorithm that enhances reading of text based application such as PDF documents or ebooks which usually requires more focus and concentration. SmartTxt feature increases the contrast and boundary sharpness of text content for better readability. Optimization for reading is done by adjusting the display's gray level scale along with white balance, brightness and contrast.

SmartKolor



SmartKolor On

SmartKolor Off

SmartKolor is a sophisticated color extension technology that is able to enhance visual color range of the display. By boosting RGB gain level of the display, this feature enables you to have rich, vibrant images for experiencing outstanding photos and videos.

Miracast Technology



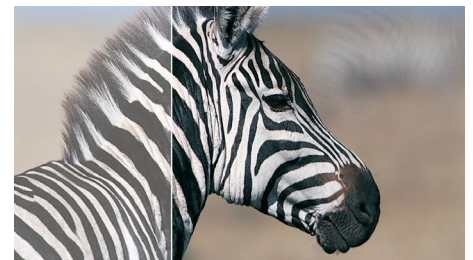
With Miracast technology you can wirelessly share your content from most Android® powered devices on your Philips monitor in Full HD video quality and 5.1-channel audio.

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 you can 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 half way.

SmartContrast ratio 2000000:1



You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

Stylish, ultra-slim design

New range of Philips monitors use the latest new generation ultra-slim LED, thereby allowing designs to be much more slimmer than previous generation. Slim looks not only allow the monitors to look aesthetically pleasing, but also saves space on the desk!!



Specifications

Picture/Display

- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Panel Size: 23 inch/58.4 cm
- Effective viewing area: 509.18 (H) x 286.41 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- SmartResponse (typical): 5 ms (Gray to Gray)
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.265 x 0.265 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 -75 Hz (V)
- sRGB

Connectivity

- Signal Input: MHL-HDMI (digital, HDCP), VGA (Analog)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI audio out

Convenience

- Built-in Speakers: 3 watts x 2
- User convenience: Miracast, Menu, Turbo, Power On/Off, Input, SmartImage
- 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
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8

Stand

- Tilt: -3/+15 degree

Power

- On mode: 20.34 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.3W (typ.)
- Off mode: 0.3W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: External, 100-240VAC, 50-60Hz

Dimensions

- Product with stand (mm): 550 x 421 x 194 mm
- Product without stand (mm): 550 x 339 x 34 mm
- Packaging in mm (WxHxD): 604 x 585 x 158 mm

Weight

- Product with stand (kg): 4.15 kg
- Product with packaging (kg): 6.49 kg

Operating conditions

- Temperature range (operation): 0 to 40 °C
- Temperature range (storage): -20 to 60 °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: 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, SASO, SEMKO, TUV/ISO9241-307, WEEE, UL/cUL

Cabinet

- Front bezel: Black
- Rear cover: Black
- Foot: Black
- Finish: Glossy



Issue date 2013-11-19

Version: 1.0.1

12 NC: 8670 001 08844
EAN: 87 12581 70249 6

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* This Philips display is MHL certified. However, in case your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for direction. The policy of your device manufacturer may require you to purchase their brand specific MHL cable or adapter in order to work

* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality

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

* "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.