

Philips Brilliance
LCD monitor with
SmartImage lite

Ultra Narrow Bezel

23" (58.4 cm)
3D

234G5DHSD



Vibrant 3D images with AH-IPS display

with Ultra Narrow Bezel

Intensify your gaming experience with this attractive Philips 3D display with ultra narrow bezel. With advanced AH-IPS screen, you get awesome, vibrant color images.

Stylish design

- Superb glossy and texture finish
- Minimalistic looks with Ultra Narrow Bezel
- VESA mount for convenience

Awesome picture quality

- 16:9 Full HD display for best viewing experience
- AH-IPS display gives awesome images with wide viewing angles
- SmartImage Lite for an enhanced LCD viewing experience
- TrueVision ensures lab quality images

Immersive 3D gaming

- Auto 3D with latest Blu-ray and game consoles with HDMI
- Transform 2D to 3D with direct key access
- Play 3D games on your PC with bundled software
- Flicker free 3D performance

PHILIPS

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.

Ultra Narrow Bezel

Utilizing latest technology panels, the new Philips displays are designed with minimalistic approach by limiting the outer bezel thickness to about 2.5mm. Combined with in-panel black matrix strip of around 9mm, the overall bezel dimensions are reduced significantly allowing for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphics design and professional applications, the Ultra narrow bezel display gives you the feeling of using one large display.

Flicker free 3D

Flicker free 3D ensures that you get long hours of comfortable entertainment. It's affordable, light weight zero flicker glasses do not require any batteries or cable connections. Now finally you can set yourself free from all the hassles and enjoy 3D performance with your family !

Auto 3D with HDMI

With Blu-ray gaming and movie players with HDMI 1.4a compatible connection, the Philips 3D display will auto-switch to 3D mode and give you awesome images straight away. No more fussing with adjustments!

Transform 2D to 3D

Transform your 2D collection to 3D at the push of a button! Easily accessible via a hot key on the bezel, this feature will re-invent your favorite 2D collection of games, movies and video to 3D.

3D games

Play 3D games on your PC with bundled software

SmartImage Lite

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

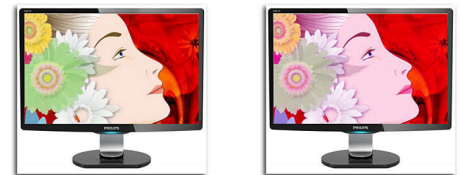
16:9 Full HD



The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it

supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

TrueVision



TrueVision is a proprietary Philips technology that uses advanced algorithm for testing and aligning monitor display which gives you the ultimate display performance. Philips ensures TrueVision monitors leave the factory fine-tuned with this process giving you consistent color and picture quality.

Superb glossy and texture

Superb glossy and texture finish

VESA mount for convenience

VESA mount for convenience



Specifications

Picture/Display

- Panel Size: 23 inch / 58.4 cm
- Aspect ratio: 16:9
- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.265 x 0.265 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 14 ms
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage Lite
- SmartResponse: 5 ms in 2D mode
- Effective viewing area: 509.2 (H) x 286.4 (V) mm
- Scanning Frequency: 30 - 83 kHz (H) / 50 - 75 Hz (V)
- sRGB
- 3D Viewing angle: 60° @ 3D CT < 10

Connectivity

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

Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8
- User convenience: Power On/Off, Input, 3D/Up, Menu/OK, SmartImage/Back
- 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: 100-240VAC, 50-60Hz, External
- Off mode: 0.3 W (typ.)
- On mode: 27.6 W (typ.)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

- Product with stand (mm): 532 x 414 x 213 mm
- Packaging in mm (WxHxD): 577 x 475 x 105 mm
- Product without stand (mm): 532 x 325 x 45 mm

Weight

- Product with packaging (kg): 5.16 kg
- Product with stand (kg): 3.46 kg
- Product without stand (kg): 3.11 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: 30,000 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: BSMI, CCC, CE Mark, cETLus, FCC Class B, GOST, SEMKO, TUV/ISO9241-307, WEEE

Cabinet

- Color: Black Cherry
- Finish: Glossy

3D Requirements

- Auto 3D: Requires HDMI 1.4a
- PC hardware: 2D to 3D: Support all VGA card, Requires AMD/nVidia VGA card*
- Software: Free Tridef 3D software bundle



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* If you experience any discomfort such as dizziness, headache or disorientation, we recommend not watching 3D for extended periods of time.
* Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age.
* Please carefully read the instruction manual to learn more about 3D and health
* For VGA card and other requirements for 3D operation, please visit www.philips.com/support for further details.
* This Display is equipped to show 2D to 3D images via built-in hardware. Should you wish to see 3D to 3D Video, or play 3D to 3D games you need to have a 3D compatible PC Blu-Ray type ROM along with a compatible 3D software/hardware player that may be available either on-line or in Retail environment
* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.