3D LCD monitor, LED backlight with Easy 3D

- G Line
- 23" (58.4 cm)
- 3D, FPR glasses

236G3DHSB/00

Experience 3D gaming on your big screen

Engage yourself with 3D games on the Philips 236 G LED monitor. With a large display, flicker-free 3D glasses and multiple HDMI inputs, gaming just got more exciting!

Benefits

Engaging 3D viewing experience
- Easy 3D for a flicker-free gaming experience
- Flicker-free 3D glasses for easy viewing
- Transform 2D to 3D with direct key access
- Auto 3D with the latest Blu-ray and game consoles with HDMI
- Play 3D games on your PC with bundled software

Great picture quality
- SmartImage: Optimised user-friendly display experience
- SmartContrast 20,000,000:1 for incredible rich black details

- SmartControl: For easy display tuning
- 2 ms SmartResponse for fast 2D gaming
- Full HD LED technology for brilliant 2D images

Greener every day
- Mercury Free eco-friendly display
- Energy Star for energy efficiency and low power consumption

Features

Easy 3D

Easy 3D ensures you get long hours of comfort while watching 3D thanks to the flicker-free, low ghosting performance. The compatible 3D glasses are lightweight and do not require batteries. Enjoy 3D easily at home today!

PHILIPS

Flicker-free 3D glasses

Entertain yourself with the light weight, easy-to-use polarised 3D glasses. These flicker free 3D glasses are not only easy to replace and maintain, but they are also affordable enough that finally your whole family has the option to obtain individual glasses. As there are no batteries or cables involved, you are now finally free to enjoy it as long as you want to.
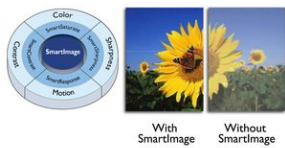
Transform 2D to 3D

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 favourite 2D collection of games, movies and video to 3D.

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!

SmartImage

SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised 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 optimises the contrast, colour 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!

SmartContrast ratio 20,000,000:1

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 black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

SmartControl

PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multi-level On-Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way

2 ms SmartResponse

SmartResponse is an exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and films, which require faster response times in order to produce judder, time-lag and ghost image free images

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.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

LCD panel type	TFT-LCD
Backlight type	W-LED system
Panel Size	23 inch/58.4 cm
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Response time (typical)	5 ms
SmartResponse	2 ms in 2D mode (Grey to Grey)
Brightness	250 cd/m²
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.265 x 0.265 mm
Viewing angle	170° (H)/160° (V)
	@ C/R > 10
3D Viewing angle	80° (H)/12° (V)
	3D CT<10
Picture enhancement	SmartImage
Display colours	16.7 M
Effective viewing area	509.2 (H) x 286.4 (V) mm
Scanning Frequency	30 - 83 kHz (H) / 50 - 75 Hz (V)
sRGB	Yes

Connectivity

Signal Input	HDMI x 2
	VGA (Analogue)
Sync Input	Separate Sync
	Sync on Green
Audio (In/Out)	HDMI audio out

data subject to change
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Convenience

User convenience	SmartImage 3D Power On/Off Input Menu
OSD Languages	English French German Italian Portuguese Russian Simplified Chinese Spanish
Other convenience	Kensington lock
Plug and Play	DDC/CI
Compatibility	Mac OS X sRGB Windows 7

Stand

Tilt	-5/+20 degree

Power

On mode	23.85 W (typical) (energyStar 5.0 test method)
Standby mode	0.5 W (typ.)
Off mode	<0.3 W
Power LED indicator	Operation - White Standby mode - White (flashing)
Power supply	100-240 VAC, 50-60 Hz Built-in

Dimensions

Product with stand (mm)	566 x 426 x 219 mm
Product without stand (mm)	566 x 355 x 54 mm
Packaging in mm (W x H x D)	615 x 441 x 115 mm

Weight

Product with stand (kg)	3.26 kg
Product without stand (kg)	3.03 kg
Product with packaging (kg)	4.61 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% %
MTBF	30,000 hour(s)

Sustainability

Environmental and energy	EPEAT Silver RoHS EnergyStar 5.0 Lead-free Mercury Free
Recyclable packaging material	100 %

Compliance and standards

Regulatory Approvals	BSMI CE Mark FCC Class B GOST PSB SASO SEMKO TUV Ergo TUV/GS UL/cUL WEEE

Cabinet

Colour	Black
Finish	Glossy/Texture

3D Requirements

Software	Free Tridef 3D software bundle
PC hardware	Requires AMD/nVidia VGA card*
Auto 3D	Requires HDMI 1.4a

* 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 read the instruction manual carefully 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.

www.philips.com