



LCD monitor with SmartImage lite

- Ultra-Narrow Bezel
- 23"/58.4 cm
- AH-IPS

234E5QSB/00

## Vibrant images with AH-IPS display

with Ultra-Narrow Bezel

This attractive Philips display with ultra-narrow bezel and AH-IPS screen gives you awesome, vibrant colour images.

### Benefits

#### Awesome picture quality

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

#### Stylish design

- Minimalistic looks with Ultra-Narrow Bezel
- Superb glossy and textured finish

- VESA mount for convenience

#### Greener every day

- Mercury Free eco-friendly display
- Eco-friendly materials that meet international standards
- Low power consumption saves energy bills

**PHILIPS**

## Features

### AH-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. Unlike standard TN panels, IPS displays give you remarkably crisp images with vivid colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

### Ultra-Narrow Bezel

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

### 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.

### 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 sources such as 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 colours.

## 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	AH-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
Response time (typical)	14 ms
Brightness	250 cd/m <sup>2</sup>
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.265 x 0.265 mm
Viewing angle	178° (H)/178° (V)

### TrueVision



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

### Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This allows for an eco-friendly display throughout its life-cycle, from manufacturing to disposal.

### Eco-friendly materials

"Philips is committed to using sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilise up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures substantial reduction or elimination of toxic substances like lead, for example. Mercury content in monitors with CCFL backlights has been reduced significantly and eliminated completely in monitors with LED backlights. Visit Philips at <http://www.asimpleswitch.com/global/> to learn more.

Picture enhancement	@ C/R > 10
Display colours	SmartImage Lite
Scanning Frequency	16.7 M
sRGB	30–83 kHz (H)/56–75 Hz (V)
	Yes

### Connectivity

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

### Convenience

User convenience	Power On/Off
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	Menu 4:3/Wide Input SmartImage lite	Packaging in mm (W x H x D)	577 x 475 x 105 mm
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	<b>Weight</b>	
Other convenience	Kensington lock VESA mount (100 x 100 mm)	Product with stand (kg)	3.46 kg
Plug and Play Compatibility	DDC/CI Mac OS X sRGB Windows 7 Windows 8	Product without stand (kg)	3.11 kg
		Product with pack- aging (kg)	5.16 kg
<b>Stand</b>		<b>Operating conditions</b>	
Tilt	-5/20 degree	Temperature range (operation)	0°C to 40°C °C
<b>Power</b>		Temperature range (storage)	-20°C to 60°C °C
On mode	27.7 W (typ.)	Relative humidity	20–80% %
Standby mode	0.5 W (typ.)	Altitude	Operation: +12,000 ft (3658 m), Non- operation: +40,000 ft (12,192 m)
Off mode	0.3 W (typ.)	MTBF	30,000 hour(s)
Power LED indicator	Operation - White Standby mode - White (flashing)	<b>Sustainability</b>	
Power supply	External 100-240 VAC, 50-60 Hz	Environmental and energy	EPEAT Silver RoHS Lead-free Mercury Free
<b>Dimensions</b>		Recyclable packaging material	100 %
Product with stand (mm)	532 x 414 x 213 mm	<b>Compliance and standards</b>	
Product without stand (mm)	532 x 325 x 45 mm	Regulatory Approvals	BSMI CE Mark cETLus FCC Class B GOST PSB SASO SEMKO TUV/ISO9241-307 WEEE
		<b>Cabinet</b>	
		Colour Finish	Black Cherry/Black Glossy

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