



Philips

LCD monitor with SmartControl Lite

- V-line
- 23"/58.4 cm

233V5LHAB/00

Great LED images in vivid colours

with stereo speakers

Enjoy vivid LED pictures on this Philips display. Equipped with HDMI and stereo speakers, it's a great choice!

Benefits

Vivid pictures every time

- LED technology for vivid colours
- Easy display performance tuning with SmartControl Lite
- SmartContrast for rich black details
- 16:9 Full HD display for the best viewing experience

Experience multimedia

- Built-in stereo speakers for multimedia

- HDMI-ready for Full HD entertainment

Great choice

- Mercury Free eco-friendly display
- Compact design saves space
- VESA mount allows for flexibility

PHILIPS

Features

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

Built-in stereo speakers

A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

SmartControl Lite

SmartControl Lite is the next generation 3D icon-based GUI monitor control software. This allows the user to fine-tune most parameters of the monitor like Colour, Brightness, screen calibration, Multimedia, ID management etc with the mouse.

SmartContrast



SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

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.

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.

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
Effective viewing area	509.18 (H) x 286.42 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Response time (typical)	5 ms
Brightness	250 cd/m ²
SmartContrast	10,000,000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.265 x 0.265 mm
Viewing angle	170° (H)/160° (V) @ C/R > 10
Display colours	16.7 M
Scanning Frequency	30–83 kHz (H)/56–75 Hz (V)
sRGB	Yes

Connectivity

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

Convenience

Built-in Audio	2.0W x 2
User convenience	Auto/Down Brightness/Back

Menu/OK	Power On/Off
Volume/Up	Brazil Portuguese
OSD Languages	Czech
	Dutch
	English
	Finnish
	French
	German
	Hungarian
	Italian
	Japanese
	Korean
	Polish
	Portuguese
	Russian
	Spanish
	Simplified Chinese
	Swedish
	Turkish
	Ukrainian
Other convenience	Kensington lock
	VESA mount (100 x 100 mm)
Plug and Play Compatibility	DDC/CI
	Mac OS X
	sRGB
	Windows 7
	Windows 8

Stand

Tilt	-5/20 degree
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Power

On mode	18.52 W (typ.) (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	Built-in 100-240 VAC, 50-60 Hz

Dimensions

Product with stand (mm)	547 x 416 x 219 mm
Product without stand (mm)	547 x 340 x 53 mm
Packaging in mm (W x H x D)	600 x 415 x 118 mm

Weight

Product with stand (kg)	3.50 kg
Product without stand (kg)	3.13 kg
Product with packaging (kg)	4.93 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 cETLus FCC Class B GOST PSB SASO SEMKO TCO certified TUV/ISO9241-307 WEEE
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Cabinet

Colour	Black
Finish	Hairline (front bezel)/Texture (rear cover)



data subject to change
2015, January 22

Version: 1.0.1
EAN: 8712581689131

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