

LCD monitor with SmartControl Lite



- V Line
- 21.5" (54.6 cm)

223V5LHSB/00

## Great LED images in vivid colours

Enjoy vivid LED pictures on this Philips display. Equipped with HDMI and SmartControl Lite, 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

- HDMI-ready for Full HD entertainment

#### Great choice

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

### 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.

like Colour, Brightness, screen calibration, Multimedia, ID management etc. with the mouse.

#### 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

# PHILIPS

## 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. An HDMI cable enables high-quality digital video and audio to be transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, 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

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### Picture/Display

LCD panel type	TFT-LCD
Backlight type	W-LED system
Panel Size	21.5 inch/54.6 cm
Effective viewing area	476.64 (H) x 268.11 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Response time (typical)	5 ms
Brightness	250 cd/m <sup>2</sup>
SmartContrast	10,000,000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.248 x 0.248 mm
Viewing angle	170° (H)/160° (V) @ C/R > 10
Display colours	16.7 M
Scanning Frequency	30-83 kHz (H) / 56-76 Hz (V)
sRGB	Yes

### Connectivity

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

### Convenience

User convenience	Auto/Down 4:3 Wide/Up Brightness/Back Menu/OK Power On/Off
OSD Languages	Brazil Portuguese Czech Dutch English Finnish French German Hungarian Italian

Japanese	
Korean	
Polish	
Portuguese	
Russian	
Simplified Chinese	
Spanish	
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	15.3 W (typ.) (EnergyStar 7.0 test method)
Standby mode	0.5 W
Off mode	0.5 W
Power LED indicator	Operation - White Standby mode - White (flashing)
Power supply	Built-in 100-240 VAC, 50-60 Hz

### Dimensions

Product with stand (mm)	503 x 376 x 213 mm
Product without stand (mm)	503 x 316 x 50 mm
Packaging in mm (W x H x D)	555 x 414 x 107 mm

### Weight

Product with stand (kg)	2.61 kg
Product without stand (kg)	2.35 kg
Product with packaging (kg)	3.87 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 7.0 EPEAT Silver RoHS Lead-free Mercury Free
Recyclable packaging material	100 %

### Compliance and standards

Regulatory Approvals	BSMI CE Mark FCC Class B GOST PSB SASO SEMKO TCO certified TUV/ISO9241-307 cETLus WEEE
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### Cabinet

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

### What's in the box?

Monitor with stand	yes
Cables	VGA, Power
User Documentation	yes



data subject to change  
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