



LCD monitor with SmartControl Lite

- V Line
- 21.5" (54.6 cm)

223V5LSB/27

Great LED images in vivid colors

Enjoy vivid LED pictures on this Philips display. Equipped with SmartControl lite, it's a great choice!

Benefits

Vivid pictures every time

- LED technology for vivid colors
- 16:9 Full HD display for crisp detailed images
- Easy display performance tuning with SmartControl Lite
- SmartContrast for rich black details

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 LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

PHILIPS

SmartControl Lite

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

SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors 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.

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 reduces the environmental impact of the display throughout its life-cycle, 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	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 ²
SmartContrast	10,000,000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.248x 0.248 mm
Viewing angle	170° (H) / 160° (V) @ C/R > 10
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -76 Hz (V)
sRGB	Yes

Connectivity

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

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 Greek Hungarian Italian Japanese Korean Polish Portuguese Russian

	Simplified Chinese Spanish Swedish Traditional Chinese Turkish Ukrainian Kensington lock VESA mount (100x100mm)
Other convenience	DDC/CI Mac OS X sRGB Windows 7 Windows 8
Plug & Play Compatibility	

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 (blinking)
Power supply	Built-in 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm)	503 x 376 x 213 mm
Product with stand in inch	19.8 x 14.8 x 8.4 inch
Product without stand (mm)	503 x 316 x 50 mm
Product without stand in inch	19.8 x 12.4 x 2.0 inch
Packaging in mm (WxHxD)	555 x 414 x 107 mm
Packaging in inch (WxHxD)	21.9 x 16.3 x 4.2 inch

Weight

Product with stand (kg)	2.61 kg
Product with stand (lb)	5.74 lb

Product without stand (kg)	2.35 kg
Product without stand (lb)	5.17 lb
Product with packaging (kg)	3.87 kg
Product with packaging (lb)	8.51 lb

Recyclable packaging material	Mercury Free 100 %
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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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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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	30,000 hour(s)

Cabinet

Color Finish	Black Hairline (front bezel) / Texture (rear cover)
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Sustainability

Environmental and energy	EnergyStar 7.0 EPEAT Silver RoHS Lead-free
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data subject to change
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