LCD monitor with SmartControl Lite

• V Line
• 23.6" / 59.9 cm

243V5LHSB/27

Great LED images in vivid colors

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

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 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
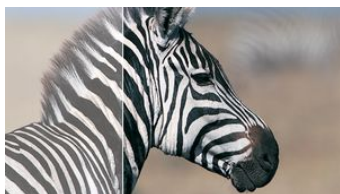
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for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

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.

HDMI Ready

HDMI-ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all 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 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	23.6 inch / 59.9 cm
Effective viewing area	521.28 (H) x 293.22 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Response time (typical)	5 ms
SmartResponse (typical)	1 ms (Gray to Gray)
Brightness	250 cd/m²
SmartContrast	10,000,000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.272 x 0.272 mm
Viewing angle	170° (H) / 160° (V) @ C/R > 10
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -75 Hz (V)
sRGB	Yes

Connectivity

Signal Input	VGA (Analog) DVI-D (digital, HDCP) HDMI (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 Spanish Simplified Chinese Swedish Turkish Traditional Chinese Ukranian
Other convenience	Kensington lock VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 7 Windows 8

Stand

Tilt	-5/20 degree

Power

On mode	18.59 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 (blinking)
Power supply	Built-in 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm)	551 x 420 x 220 mm
Product with stand in inch	21.7 x 16.5 x 8.7 inch
Product without stand (mm)	551 x 344 x 52 mm
Product without stand in inch	21.7 x 13.5 x 2.0 inch
Packaging in mm (WxHxD)	600 x 415 x 118 mm
Packaging in inch (WxHxD)	23.6 x 16.3 x 4.6 inch

data subject to change
2018, September 7

Weight

Product with stand (kg)	3.66 kg
Product with stand (lb)	8.05 lb
Product without stand (kg)	3.22 kg
Product without stand (lb)	7.08 lb
Product with packaging (kg)	5.00 kg
Product with packaging (lb)	11.00 lb

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	50,000 (Excluded backlight) 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

Cabinet

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

* Smart response time is the optimum value from either GtG or GtG (BW) tests.

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