LCD monitor with SmartControl Lite

• V Line
• 22 (21.5" / 54.6 cm diag.)

223V5LHSB2/89

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

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.

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

PHILIPS

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 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.

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.

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

[field not found 'disclaimer_text']

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	200 cd/m²
SmartContrast	10,000,000:1
Contrast ratio (typical)	600:1
Pixel pitch	0.248x 0.248 mm
Viewing angle	90° (H) / 65° (V) @ C/R > 10
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -76 Hz (V)
sRGB	Yes

Connectivity

Signal Input	HDMI (digital, HDCP) VGA (Analog)
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 Hungarian Italian Japanese Korean Polish Portuguese Russian Simplified Chinese

	Spanish Swedish Turkish Ukrainian Greek Traditional Chinese
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	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 without stand (mm)	503 x 316 x 50 mm
Packaging in mm (WxHxD)	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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	30,000 hour(s)

Sustainability

Environmental and energy	RoHS Mercury Free
Recyclable packaging material	100 %

Compliance and standards

Regulatory Approvals	BSMI CE Mark FCC Class B SEMKO TUV/ISO9241-307 cETLus EAC INMETRO

Cabinet

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

www.philips.com