LCD monitor with SmartControl Lite

• V Line
• 24 (23.8" / 60.5 cm diag.)

240V5QDSB/01

Great LED images in vivid colors

Enjoy vibrant pictures on this Philips display. Equipped with HDMI and SmartControl lite, it's a great choice!

Benefits

Vivid pictures every time
• IPS-ADS wide-view technology for image and color accuracy
• 16:9 Full HD display for crisp detailed images
• SmartContrast for rich black details
• 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

IPS-ADS technology

IPS-ADS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS-ADS displays give you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.
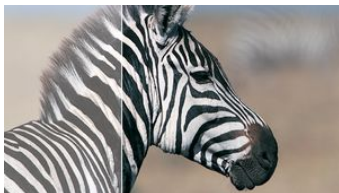
PHILIPS

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.

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.

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

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Picture/Display

LCD panel type	IPS-ADS LCD
Backlight type	W-LED system
Panel Size	23.8 inch / 60.5 cm
Effective viewing area	527.04 (H) x 296.46 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	250 cd/m²
Response time (typical)	5 ms (GtG)*
SmartContrast	10,000,000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.275 x 0.275 mm
Viewing angle	178° (H) / 178° (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)
	HDMI (digital, HDCP)
Sync Input	Separate Sync
	Sync on Green

Convenience

User convenience	Power On/Off
	Menu/OK
	Brightness/Back
	4:3 Wide/Up
	Auto/Down
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 8.1

Stand

Tilt	-5/20 degree

Power

On mode	19.23 W (typ.) (EnergyStar 6.0 test method)
Standby mode	0.5 W (typ.)
Off mode	0.5 W (typ.)
Power LED indicator	Operation - White
	Standby mode- White (blinking)
Power supply	Built-in
	100-240VAC, 50-60Hz

Dimensions

Product with stand (mm)	553 x 420 x 219 mm
Product without stand (mm)	553 x 343 x 55 mm

data subject to change
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Packaging in mm (WxHxD)	600 x 415 x 118 mm	Recyclable packaging material	100 %

Weight

Product with stand (kg)	4.09 kg
Product without stand (kg)	3.69 kg
Product with packaging (kg)	5.36 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	50,000 (Excluded backlight) hour(s)

Sustainability

Environmental and energy	EnergyStar 6.0 RoHS Lead-free Mercury Free

Compliance and standards

Regulatory Approvals	CE Mark FCC Class B TCO Certified cETLus TUV/ISO9241-307 BSMI PSB C-tick UKRAINIAN EPA

Cabinet

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

What's in the box?

Monitor with stand	yes
Cables	VGA, Power
User Documentation	yes

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* HDMI cables vary depending on region and models.
* Response time value equal to SmartResponse