LCD monitor with PowerSensor

- B Line
- 25" (63.4 cm)
- WUXGA (1920 x 1200)

252B9/00

Clear vision, beyond boundaries

Expand beyond boundaries with the new 16:10 frameless design Philips B Line monitor. Loaded with features to improve productivity and sustainability, this monitor takes it to the next level.

Benefits

Designed for sustainability
- PowerSensor saves up to 80% energy costs
- Zero power consumption with 0 watt hard switch
- 100% recycled packing material

Excellent performance
- IPS technology for full colours and wide viewing angles
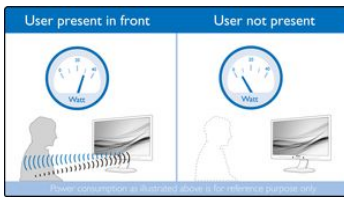- 16:10 aspect ratio for more vertical screen height

Designed for the way you work
- SmartErgoBase enables user-friendly ergonomic adjustments
- VESA mount allows for the perfect setup
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- EasyRead mode for a paper-like reading experience

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Features

PowerSensor

PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and then automatically reduces monitor brightness when then user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

Zero power consumption

At the flick of the 0 watt hard switch, which is conveniently located at the back of the monitor, you can completely cut off your monitor from AC power. This results in zero power consumption, reducing your carbon footprint even further

IPS technology

IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in 90-degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colours, making it ideal not only for Photos, films and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

SmartErgoBase

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, cable management reduces cable clutter and keeps the workspace neat and professional.

VESA mount

VESA pattern guarantees compatibility with hundreds of innovative mounting solutions.

Flicker-Free technology

Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

LowBlue Mode

Studies have shown that just as ultra-violet rays can cause eye damage, shortwave-length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

EasyRead mode

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	IPS technology
Backlight type	W-LED system
Panel Size	25 inch / 63.4 cm
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	535.5 (H) × 338.8 (V)
Aspect ratio	16:10
Optimum resolution	1920 × 1200 @ 60 Hz
Pixel Density	91 PPI
Response time (typical)	5 ms (Grey to Grey)*
Brightness	300 cd/m²
Contrast ratio (typical)	1000:1
SmartContrast	50,000,000:1
Pixel pitch	0.279 × 0.282 mm
Viewing angle	178° (H)/178° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage
Colour gamut (typical)	NTSC 90%*, sRGB 107.5%*
Display colours	16.7 M
Scanning Frequency	30-96 kHz (H)/48-76 Hz (V)
sRGB	Yes
EasyRead	Yes
LowBlue Mode	Yes

Connectivity

Signal Input	VGA (Analogue)
	DVI-D (digital, HDCP)
	DisplayPort 1.2
	HDMI 1.4

data subject to change
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HDCP	HDCP 1.4 (HDMI/ DP)
Sync Input	Separate Sync
	Sync on Green
USB:	USB 3.1 x 1 (upstream), USB 3.1 x 4 (downstream with 1 fast charge B.C 1.2)
Audio (In/Out)	PC audio-in
	Headphone out

Convenience

Built-in Speakers	2 W x 2
User convenience	SmartImage
	Input
	Brightness
	Menu
	Power On/Off
Control software	SmartControl
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
Other convenience	Kensington lock
	VESA mount (100 x 100 mm)
Plug and Play	DDC/CI
Compatibility	Mac OS X
	sRGB
	Windows 10 / 8.1 / 8 / 7

Stand

Height adjustment	150 mm
Pivot	-/+ 90 degree
Swivel	-/+ 175 degree
Tilt	-5~30 degree

Power

ECO mode	12.3 W (typ.)
On mode	15 W (typ.) (EnergyStar 7.0 test method)
Standby mode	< 0.5 W (typ.)
Off mode	Zero watts with Zero switch
Energy Label Class	A+
Power LED indicator	Operation - White
	Standby mode - White (flashing)
Power supply	Built-in
	100-240 VAC, 50-60 Hz

Dimensions

Product with stand (max height)	546 x 541 x 206 mm
Product without stand (mm)	546 x 367 x 49 mm
Packaging in mm (W x H x D)	608 x 524 x 197 mm

Weight

Product with stand (kg)	5.09 kg
Product without stand (kg)	3.50 kg
Product with packaging (kg)	7.44 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 (demonstrated)	70,000 hrs (excluded backlight)

Sustainability

Environmental and energy	PowerSensor
	EnergyStar 7.0
	EPEAT*
	TCO certified
	WEEE
	RoHS
Recyclable packaging material	100 %
Post-consumer recycled plastic	85%
Specific Substances	PVC/BFR free housing
	Mercury free
	Lead free

Compliance and standards

Regulatory Approvals	CE Mark
	FCC Class B
	SEMKO
	cETLus
	CU-EAC
	TUV Ergo
	TUV/GS
	EPA
	ICES-003
	UKRAINIAN
	SASO
	KUCAS
	VCCI
	RCM
	CCC

Cabinet

Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

What's in the box?

Monitor with stand	Yes
Cables	D-Sub cable, DVI-D cable, HDMI cable, DP cable, Audio cable, Power cable
User Documentation	Yes

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* Response time value equal to SmartResponse
* NTSC Area based on CIE 1976
* sRGB Area based on CIE 1931
* Fast charging complies with USB BC 1.2 standard
* EPEAT Gold or Silver is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.
* The monitor may look different from feature images.

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