LCD monitor

- E Line
- 22 (21.5"/54.6 cm diag.)
- Full HD (1920 x 1080)

227E6LDSD/05

Vivid colours, crisp details

in an elegant design

Experience brilliant, crisp images like never before with this full HD display. With an elegant, slim design and SmartImage lite, it looks stunning from every angle!

Benefits

Superb Picture Quality

- LED technology for brilliant colours and energy efficiency
- 16:9 Full HD display for crisp, detailed images
- SmartImage Lite for easy optimised image settings
- SmartContrast for deep black level details

Elegant Design

- Modern Touch controls complement the design

- Superb black cherry glossy finish
- Elegant, slim design complements your home decor

Experience immersive multimedia

- MHL technology for enjoying mobile content on a big screen
- HDMI-ready for Full HD entertainment

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

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 colours, expect a true-to-life picture.

SmartImage Lite

SmartImage Lite is an exclusive, leading edge Philips technology that analyses the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, colour saturation and sharpness of images and videos for ultimate display performance - all in real time with the press of a single button.

SmartContrast

SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours 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.

Modern Touch controls

Touch controls are intelligent, touch-sensitive icons that replace protruding buttons to allow users to adjust the monitor to their requirements. Responding to the lightest touch, Touch control gives the monitor a modern feel.

MHL technology

Mobile High-Definition Link (MHL) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays. An optional MHL cable allows you to simply connect your MHL-capable mobile device to this large Philips MHL display and watch your HD videos come to life with full digital sound. Now not only can you enjoy your mobile games, photos, movies or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power halfway.

HDMI Ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be 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).

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	476.6 (H) x 268.1 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	250 cd/m²
Response time (typical)	1 ms (Grey to Grey)*
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.248 x 0.248 mm
Viewing angle	170° (H)/160° (V) @ C/R > 10
Picture enhancement	SmartImage Lite

Display colours	16.7 M
Scanning Frequency	30–83 kHz (H)/56–75 Hz (V)
MHL	1080p@30Hz
sRGB	Yes

Connectivity

Signal Input	VGA (Analogue)
	DVI-D (digital, HDCP)
	MHL-HDMI (digital, HDCP)
Sync Input	Separate Sync
	Sync on Green
Audio (In/Out)	HDMI audio out

Convenience

User convenience	Power On/Off
	Menu

data subject to change
2018, September 7

OSD Languages	4:3/Wide Input SmartImage Lite 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
Plug and Play	DDC/CI
Compatibility	Mac OS X sRGB Windows 10 / 8.1 / 8 / 7

Stand

Tilt	-5/20 degree

Power

On mode	13.44 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 (flashing)
Power supply	External 100-240 VAC, 50-60 Hz

Dimensions

Product with stand (mm)	511 x 400 x 212 mm
Product without stand (mm)	511 x 318 x 36 mm
Packaging in mm (W x H x D)	562 x 466 x 106 mm

Weight

Product with stand (kg)	2.95 kg
Product without stand (kg)	2.58 kg
Product with packaging (kg)	4.50 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	50,000 (excluding 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	CE Mark FCC Class B CU-EAC SEMKO ETL TUV/ISO9241-307 SASO WEEE EPA KUCAS RCM

Cabinet

Colour	Black Cherry
Finish	Glossy

* This Philips display is MHL-certified. However, if your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for instructions. The policy of your device manufacturer may require you to purchase its brand-specific MHL cable or adapter in order for it to work
* Requires optional MHL-certified mobile device and MHL cable (not included). Please check with your MHL device vendor for compatibility.
* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality
* For a complete list of MHL-enabled products, refer to www.mhlconsortium.org
* HDMI cables vary depending on region and models.
* Response time value equal to SmartResponse

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