



LCD monitor with SoftBlue Technology

- E Line
- 24 (Viewable 23.6" / 59.9 cm)
- Full HD (1920 x 1080)

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Vivid colors, crisp details

in an elegant design

Designed for you: The elegant new Philips E-line monitor features new SoftBlue Technology for easy on the eyes brilliantly colored images.

Benefits

Superb Picture Quality

- SoftBlue Technology easy on the eyes and maintains color
- LED technology for natural colors
- 16:9 Full HD display for crisp detailed images
- SmartImage Lite for easy optimized image settings
- SmartControl Lite: For quick and easy display tuning
- SmartContrast for deep black level details

Elegant Design

- Modern Touch controls complement the design
- Elegant, slim design complements your home decor
- Superb black cherry glossy finish

Experience immersive multimedia

- MHL technology for enjoying mobile content on big screen
- Built-in stereo speakers for multimedia

PHILIPS

Features

SoftBlue Technology



SoftBlue LED technology uses a smart technology to reduce harmful shortwave blue light without affecting the color or image of the display. SoftBlue LED technology is certified by international testing organizations TUV Rheinland to reduce harmful blue light.

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

SmartImage Lite

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

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.

Modern Touch controls



Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your 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 you can 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 half way.

Built-in stereo speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

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" / 59.9 cm
Effective viewing area	521.28 (H) x 293.22 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60Hz
Response time (typical)	5 (Grey to Grey) ms
SmartResponse (typical)	2ms (Grey to Grey)
Brightness	250 cd/m ²
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.2715 x 0.2715 mm
Viewing angle	170° (H) / 160° (V) @ C/R > 10
Picture enhancement	SmartImage Lite
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -75 Hz (V)
sRGB	Yes
MHL	1080p@30Hz
SoftBlue	Yes

Connectivity

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

Convenience

Built-in Speakers	3 W x 2
User convenience	Power On/Off Menu Input SmartImage lite Volume
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
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 7 Windows 8

Stand

Tilt	-5/20 degree
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Power

On mode	17.44 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 (blinking)
Power supply	External 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm)	561 x 429 x 212 mm
Product with stand in inch	22.1 x 16.9 x 1.3 inch
Product without stand (mm)	561 x 347 x 43 mm
Product without stand in inch	22.1 x 13.7 x 1.7 inch
Packaging in mm (WxHxD)	598 x 490 x 100 mm
Packaging in inch (WxHxD)	23.5 x 19.3 x 3.9 inch

Weight

Product with stand (kg)	3.65 kg
Product with stand (lb)	8.03 lb
Product without stand (kg)	3.27 kg
Product without stand (lb)	7.19 lb
Product with packaging (kg)	4.90 kg
Product with packaging (lb)	10.78 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	30,000 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 6.0 TUV/ISO9241-307 WEEE
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Cabinet

Color	Black Cherry
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Finish

Glossy

- * This Philips display is MHL certified. However, in case your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for direction. The policy of your device manufacturer may require you to purchase their brand specific MHL cable or adapter in order 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 complete list of MHL-enabled products refer to www.mhlconsortium.org
- * Smart response time is the optimum value from either GtG or GtG (BW) tests.



data subject to change
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