

LCD monitor with Ultra Wide-Color

- 24 (23.8" / 60.5 cm diag.) Full HD (1920 x 1080)

246E9OSB/00

Stunning color, stylish design

The Philips E line monitor features stylish design with extraordinary picture performance. A narrow border Full HD display with Ultra Wide-Color brings you to real true-to-life visuals. Enjoy superior viewing in a stylish design.

Benefits

Superb Picture Quality

- Ultra Wide-Color wider range of colors for a vivid picture
- IPS LED wide view technology for image and color accuracy
- 16:9 Full HD display for crisp detailed images

Features designed for you

- Narrow border display for a seamless appearance
- · Less eye fatigue with Flicker-free technology

- LowBlue Mode for easy on-the-eyes productivity
- EasyRead mode for a paper-like reading experience

Greener everyday

- Eco-friendly materials meet major international standards
- · Low power consumption saves energy bills



Features

Ultra Wide-Color Technology





Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

IPS technology



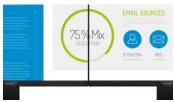
IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and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

16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 \times 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

UltraNarrow Border



The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

Specifications

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Picture/Display

LCD panel type Backlight type Panel Size Display Screen Coating IPS technology W-LED system 23.8 inch / 60.5 cm Anti-Glare, 3H, Haze 25%

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, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

EasyRead mode



Eco-friendly materials

"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely.

Effective viewing area Aspect ratio Optimum resolution Pixel Density Response time (typical) 527.04 (H) x 296.46 (V) 16:9 1920 x 1080 @ 60 Hz 93 PPI 4 ms (Gray to Gray)* **Brightness** Contrast ratio

250 cd/m² 1000:1

(typical) 20,000,000:1 SmartContrast Pixel pitch 0.275 x 0.275 mm 178° (H) / 178° (V) @ C/R > 10 Viewing angle

Flicker-free Yes

Picture enhancement SmartImage Lite

Color gamut (typical) NTSC 108%*, sRGB 129%*

Display colors 16.7 M

30 - 83 kHz (H) / 50 - 76 Hz (V) Scanning Frequency

sRGBYes LowBlue Mode EasyRead Yes

Connectivity

VGA (Analog) Signal Input

DVI-D (digital, HDCP)

Sync Input Separate Sync Sync on Green

Convenience

User convenience Power On/Off

Menu Brightness Input SmartImage lite

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

Ukranian Kensington lock

Other convenience VESA mount (75x75mm)

Plug & Play Compati-

bility sRGB

DDC/CI Mac OS X

Windows 10 / 8.1 / 8 / 7

Stand

Tilt -5/20 degree

Power

12.25 W (typ.) (EnergyStar 7.0 test On mode

method) < 0.5 W (typ.)

Standby mode < 0.3 W (typ.) Off mode

Operation - White Power LED indicator

Standby mode- White (blinking)

External

100-240VAC, 50-60Hz

Dimensions

Power supply

Product with stand 540 x 416 x 190 mm

(mm)

Product without 540 x 326 x 39 mm stand (mm)

Packaging in mm (WxHxD)

586 x 477 x 141 mm

Weight

Product with stand 2.90 kg

Product without 2.34 kg

stand (kg)

Product with pack-4.28 kg

aging (kg)

Operating conditions

Temperature range 0 to 40 $^{\circ}$ C

(operation) Temperature range -20 to 60 $^{\circ}\text{C}$

(storage) Relative humidity 20%-80 %

Operation: +12,000ft (3,658m), Non-Altitude operation: +40,000ft (12,192m)

50,000 hrs (excluding backlight)

hour(s)

Sustainability

MTBF

Environmental and

energy

EnergyStar 7.0 **EPEAT Silver** RoHS Lead-free Mercury Free

WFFF 100 %

Recyclable packaging

material .

Compliance and standards

CE Mark Regulatory Approvals

FCC Class B CU-EAC

TUV/ISO9241-307

BSMI MEPS RCM VCCI

Cabinet

Color Black / Silver Finish Glossy

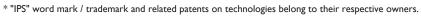
What's in the box?

Monitor with stand Yes

Cables

D-Sub cable, Power cable

User Documentation



^{*} Response time value equal to SmartResponse

* NTSC Area based on CIE1976

* sRGB Area based on CIE 1931

* The monitor may look different from feature images.



data subject to change 2019, April 20

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