



Crystal-clear vision to get more done

Get your best work done with this Philips monitor. Crystal-clear QHD gives the space and clarity for your work. Loaded with features to improve productivity and sustainability.

Excellent performance

- IPS technology for full colours and wide viewing angles
- SmartImage pre-sets for easy optimised image settings
- Crystal clear images with Quad HD 2560 x 1440 pixels

Designed for the way you work

- Built-in stereo speakers for multimedia
- SmartErgoBase enables user-friendly ergonomic adjustments
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- EasyRead mode for a paper-like reading experience

Designed for sustainability

- LightSensor for the perfect brightness with minimal power
- PowerSensor saves up to 80% energy costs
- Designed to meet environmental standards

Highlights

PowerSensor



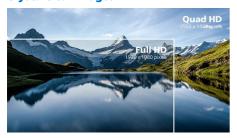
PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and then automatically reduces monitor brightness when then user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

LightSensor



LightSensor uses a smart sensor to adjust the picture brightness depending on the light conditions in the room for the perfect picture with minimal power usage.

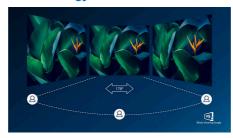
CrystalClear images



These Philips screens deliver Crystal Clear, Quad HD 2560 x 1440 or 2560 x 1080 pixel images. Utilising high-performance panels with a high-density pixel count, enabled by high bandwidth sources like USB-C, Displayport and HDMI, these new displays will make your images and graphics come alive. Whether you are a demanding

professional who requires extremely detailed information for CAD-CAM solutions and uses 3D graphic applications, or a financial wizard working on huge spreadsheets, Philips displays will give you Crystal Clear images.

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.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your display performance. This user-friendly interface allows you to select various modes, like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

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



EasyRead mode for a paper-like reading experience

















Highlights

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height-adjustable stand guarantees the optimal viewing level, reducing the physical

strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

Built-in stereo speakers



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

Designed for sustainability

Designed for sustainability and reduced operating costs, this monitor meets environmental standards. Such as: ENERGY STAR, EPEAT, TCO Certified. For more information on certification, please visit: ENERGY STAR: https://www.energystar.gov/ EPEAT: https://www.epeat.net/ TCO Certified: https://tcocertified.com/













Specifications

Picture/Display

Panel Size: 31.5 inch/80 cm

Aspect ratio: 16:9

LCD panel type: IPS technology Backlight type: W-LED system Pixel pitch: 0.2727 x 0.2727 mm

Brightness: 250 cd/m²

Display colours: Colour support 1.07 billion

colours

Colour gamut (typical): NTSC 89%*, sRGB

101.7%*, Adobe RGB 88%* Contrast ratio (typical): 1200:1 SmartContrast: 50,000,000:1

Response time (typical): 4 ms (Grey to Grey)* Viewing angle: 178° (H)/ 178° (V), @ C/R > 10

Picture enhancement: SmartImage

Maximum resolution: 2560 x 1440 @ 75 Hz*
Effective viewing area: 698.112 (H) x 392.688 (V)
Scanning Frequency: 30–114 kHz (H)/48–75 Hz

(V) sRGB Flicker-free Pixel Density: 93 PPI LowBlue Mode

Display Screen Coating: Anti-Glare, 3H, Haze

25% EasyRead Adaptive sync

Connectivity

Signal Input: DisplayPort 1.2, HDMI 1.4 x 2

Sync Input: Separate Sync Audio (In/Out): Audio out

USB:: USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)

HDCP: HDCP 1.4 (DP/HDMI)

Convenience

Built-in Speakers: 3 W x 2

Plug and Play Compatibility: DDC/CI, Mac OS X,

sRGB, Windows 10 / 8.1 / 8 / 7 User convenience: SmartImage, Input, PowerSensor, Menu, Power On/Off

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)

Control software: SmartControl

Stand

Height adjustment: 180 mm Pivot: -/+ 90 degree Swivel: -/+ 180 degree Tilt: -5~30 degree

Power

ECO mode: 21.3 W (typ.)

Power supply: Built-in, 100–240 VAC, 50–60 Hz

Off mode: Zero watts with Zero switch

On mode: 40.3 W (typ.) Standby mode: 0.3 W

Power LED indicator: Operation - White, Standby

mode - White (flashing) Energy Label Class: F

Dimensions

Packaging in mm (W x H x D): 930 x 563 x

186 mm

Product without stand (mm): 730 x 433 x 60 mm Product with stand (max height): 730 x 620 x

250 mm

Weight

Product with packaging (kg): 13.60 kg Product with stand (kg): 10.70 kg Product without stand (kg): 6.93 kg

Operating conditions

Altitude: Operation: +12,000 ft (3658 m), Non-

operation: +40,000 ft (12,192 m)

Temperature range (operation): 0°C to 40 °C

Relative humidity: 20%-80 %

Temperature range (storage): -20°C to 60 °C MTBF (demonstrated): 70,000 hrs (excluded

backlight)

Sustainability

Environmental and energy: PowerSensor,

LightSensor, RoHS

Post-consumer recycled plastic: 85% Recyclable packaging material: 100 % Specific Substances: PVC/BFR free housing,

Mercury free

Compliance and standards

Regulatory Approvals: CB, TUV/GS, TUV Ergo, CU-EAC, EAEU ROHS, CE Mark

Cabinet

Finish: Texture
Foot: Black
Front bezel: Black
Rear cover: Black

What's in the box?

Cables: HDMI cable, DP cable, Power cable

Monitor with stand
User Documentation

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- * "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
- * The maximum resolution works for either HDMI input or DP input.
- * Response time value equal to SmartResponse
- * NTSC Area based on CIE 1976
- * sRGB Area based on CIE1931
- * Adobe RGB Coverage based on CIE 1976
- * The monitor may look different from feature images.