PHILIPS

LCD monitor

V Line

22 (21.5"/54.6 cm diag.)

1920 x 1080 (Full HD)

222V8LA

Vivid, crisp images beyond boundaries

Philips V line wide-view monitor gives viewing beyond boundaries and great value with essential features. Adaptive-Sync provides flawless viewing without screen tearing. Features like LowBlue mode and flicker-free make it easy on the eyes.

Perfectly designed for your space
- VESA mount allows for flexibility

Easy on the eyes
- EasyRead mode for a paper-like reading experience
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity

Experience true multimedia
- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- Built-in stereo speakers for multimedia

Vivid pictures every time
- 16:9 Full HD display for crisp, detailed images
- SmartImage pre-sets for easy optimised image settings
- VA display delivers awesome images with wide viewing angles
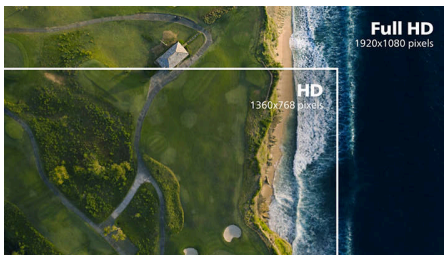- Effortlessly smooth action with Adaptive-Sync technology

Highlights

VA display

The Philips VA LED display uses an advanced multi-domain vertical alignment technology that gives you super-high static contrast ratios for extra-vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178 degree extra-wide viewing angle, resulting in crisp images.

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

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!

Adaptive-Sync technology

Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artefact-free performance at virtually any frame rate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.
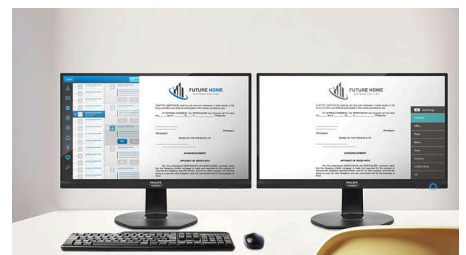
Flicker-Free technology

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

Wide Viewing Angle | Full HD 1080p | SmartImage™ | Adaptive -Sync | Flicker-free | LowBlue Mode | EasyRead | Built-in Speaker

Highlights

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.

HDMI Ready

HDMI

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).

DisplayPort connection

DisplayPort

DisplayPort is a digital link from PC to monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15 metre cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates — making DisplayPort the best choice for not only general office or home use, but also for the more demanding gaming and films, video editing and more. It also keeps interoperability in mind via the use of various adapters.

VA · Wide Viewing Angle   Full HD 1080p   SmartImage™   Adaptive -Sync   Flicker-free   LowBlue Mode

Specifications

Picture/Display

Panel Size: 21.5 inch/54.6 cm
Aspect ratio: 16:9
LCD panel type: VA LCD
Backlight type: W-LED system
Pixel pitch: 0.2493 x 0.241 mm
Brightness: 250 cd/m²
Display colours: 16.7 M
Contrast ratio (typical): 3000:1
SmartContrast: Mega Infinity DCR
Response time (typical): 4 ms (GtG)*
Viewing angle: 178º (H)/178º (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 1920 x 1080 @ 75 Hz*
Effective viewing area: 478.656 (H) x 260.28 (V)
Scanning Frequency: 30–85 kHz (H) / 48–75 Hz (V)
sRGB
Flicker-free
Pixel Density: 102 PPI
LowBlue Mode
Display Screen Coating: Anti-glare, 3H, Haze 25%
EasyRead
Adaptive sync

Connectivity

Signal Input: VGA (Analogue), DisplayPort 1.2, HDMI 1.4
Sync Input: Separate Sync, Sync on Green
Audio (In/Out): PC audio-in, Headphone out

Convenience

Built-in Speakers: 2 W x 2
Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10/8.1/8/7
User convenience: Power On/Off, Menu/OK, Volume, Input/Down, SmartImage/Back
OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Swedish, Turkish, Traditional Chinese, Ukrainian
Other convenience: Kensington lock, VESA mount (100 x 100 mm)

Stand

Tilt: -5/20 degree

Power

Power supply: Built-in, 100–240 VAC, 50–60 Hz
Off mode: 0.3 W (typ.)
On mode: 13.3 W (typ.) (EnergyStar test method)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode - White (flashing)
Energy Label Class: E

Dimensions

Product with stand (mm): 493 x 369 x 220 mm
Packaging in mm (W x H x D): 570 x 436 x 109 mm
Product without stand (mm): 493 x 286 x 44 mm

Weight

Product with packaging (kg): 4.51 kg
Product with stand (kg): 2.79 kg
Product without stand (kg): 2.40 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 °C
MTBF: 50 000 (Excluded backlight) hour(s)
Relative humidity: 20%-80 %
Temperature range (storage): -20°C to 60°C °C

Sustainability

Environmental and energy: Energy Star 8.0, TCO Certified, RoHS, Mercury Free
Recyclable packaging material: 100 %

Compliance and standards

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

Cabinet

Colour: Black
Finish: Textured

What's in the box?

Cables: HDMI cable, Power cable
Monitor with stand
User Documentation

* The maximum resolution works for either HDMI input or DP input.
* Response time value equal to SmartResponse
* The monitor may look different from feature images.