

PHILIPS

LCD monitor

Monitor

V Line

24 (23.8" / 60.5 cm diag.)

1920 x 1080 (Full HD)

241V8LAB



Vivid, crisp images beyond boundaries

Philips V line wide-view monitor gives viewing beyond boundaries. Adaptive Sync, a 1 ms MPRT response rate and a 100 Hz refresh rate deliver smooth video display. Features like anti-glare, LowBlue mode and flicker-free make it easy on the eyes.

Perfectly designed for your space

- Compact design saves 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

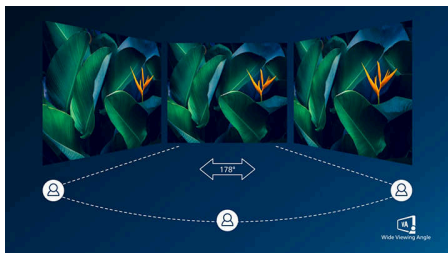
- Built-in stereo speakers for multimedia

Vivid pictures every time

- SmartContrast for rich black details
- SmartImage pre-sets for easy optimised image settings
- VA display delivers awesome images with wide viewing angles
- Effortlessly smooth action with Adaptive-Sync technology
- 100 Hz refresh rates for ultra-smooth images

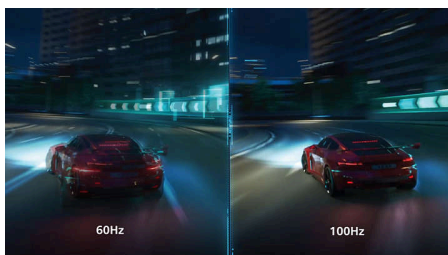
Highlights

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.

100 Hz fast refresh



This Philips display refreshes the screen image up to 100 times per second which makes this monitor much faster than a standard display. With a 100 Hz frame rate, gamers are able to find those critical images on the screen that show enemy movement in an ultra-smooth motion so that they are easily targetable.

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.

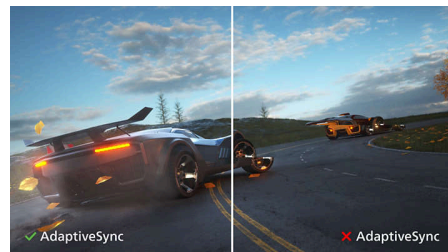
SmartImage



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.



Highlights

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

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.

Specifications

Picture/Display

Panel Size: 23.8 inch/60.5 cm
Aspect ratio: 16:9
LCD panel type: VA LCD
Backlight type: W-LED system
Pixel pitch: 0.2745 x 0.2745 mm
Brightness: 250 cd/m²
Display colours: 16.7 M (8 bit)
Contrast ratio (typical): 4000:1
SmartContrast: Mega Infinity DCR
Response time (typical): 4 ms (GtG)*
Viewing angle: 178° (H)/178° (V), @ C/R > 10
Maximum resolution: 1920 x 1080 @ 100 Hz*
Effective viewing area: 527.04 (H) x 296.46 (V)
Scanning Frequency: 30 - 115 kHz (H) / 48 - 100 Hz (V)
sRGB
Flicker-free
Pixel Density: 92.56 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
MPRT: 1ms
EasyRead
Adaptive sync

Connectivity

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

Convenience

Built-in Speakers: 2 W x 2
Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11/10/8.1/8
User convenience: Power On/Off, Menu/OK, Input/Down, SmartImage/Back, Volume
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: 26.83 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

Packaging in mm (W x H x D):
607 x 415 x 121 mm
Product without stand (mm): 540 x 322 x 51 mm
Product with stand (max height): 540 x 416 x 220 mm

Weight

Product with packaging (kg): 4.85 kg
Product with stand (kg): 3.00 kg
Product without stand (kg): 2.61 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
MTBF: 30,000 (Excluded backlight) hour(s)
Relative humidity: 20%-80 %
Temperature range (storage): -20°C to 60 °C

Sustainability

Environmental and energy: RoHS
Recyclable packaging material: 100 %
Specific Substances: Mercury free, PVC/BFR free housing

Compliance and standards

Regulatory Approvals: CECP, CCC, CEL, CB, CE Mark, EAC, FCC, ICES-003, PSB, TUV Ergo, TUV/GS

Cabinet

Colour: Black
Finish: Textured

What's in the box?

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

