PHILIPS

LCD monitor

V Line

22 (21.5" / 54.6 cm diag.)

1920 x 1080 (Full HD)

220V8

Vivid, crisp images beyond boundaries

Philips V line wide-view monitor gives viewing beyond boundaries, great value with essential features. Features like anti-glare, LowBlue mode, and flicker-free for easy-on-the eyes.

Perfectly designed for your space
- Compact design saves space
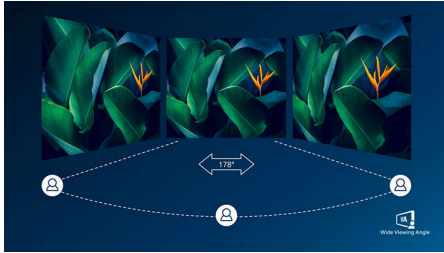- VESA mount allows for flexibility

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

Vivid pictures every time
- SmartContrast for rich black details
- 16:9 Full HD display for crisp detailed images
- SmartImage presets for easy optimized image settings
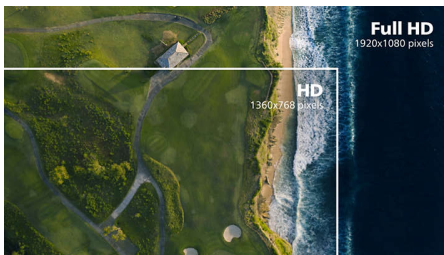- VA display delivers awesome images with wide viewing angles

Highlights

VA display

Philips VA LED display uses an advanced multi-domain vertical alignment technology which 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, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 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 colors expect a true to life picture.

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.

SmartImage

SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized 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 optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!
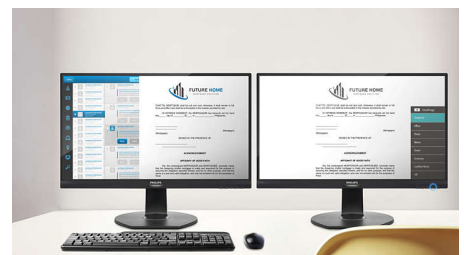
Flicker-free technology

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, 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™

Flicker-free

LowBlue Mode

EasyRead

VESA Mount

Full HD 1080p

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: 0.24825 x 0.24825 mm
Optimum resolution: 1920 x 1080 @ 60 Hz
Brightness: 250 cd/m²
Display colors: 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
Effective viewing area: 476.64 (H) x 268.11 (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

Connectivity

Signal Input: VGA (Analog), DVI-D (digital, HDCP)
Sync Input: Separate Sync, Sync on Green

Convenience

Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
User convenience: Power On/Off, Menu/OK, Brightness/UP, 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 (100x100mm)

Stand

Tilt: -5/20 degree

Power

Power supply: Built-in, 100-240VAC, 50-60Hz
Off mode: < 0.3 W (typ.)
On mode: 18.5 W (typ.)
Standby mode: < 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)
Energy Label Class: E

Dimensions

Product with stand (mm): 493 x 376 x 220 mm
Packaging in mm (WxHxD): 565 x 440 x 111 mm
Product without stand (mm): 493 x 294 x 45 mm

Weight

Product with packaging (kg): 3.69 kg
Product with stand (kg): 2.58 kg
Product without stand (kg): 2.20 kg

Operating conditions

Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
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: RoHS, Mercury Free
Recyclable packaging material: 100 %

Compliance and standards

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

Cabinet

Color: Black
Finish: Textured

What's in the box?

Cables: D-Sub cable, Power cable
Monitor with stand
User Documentation

* Response time value equal to SmartResponse
* The monitor may look different from feature images.