Philips
Full HD LCD monitor

V Line
22 (21.5" / 54.6 cm diag.)
1920 x 1080 (Full HD)

223V7QJAB

Vivid, crisp images, from edge-to-edge

A perfect all around display with stunning images that stretch from edge-to edge, made easy on the eyes, in a compact slim design.

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
- Built-in speakers for audio without desktop clutter
- HDMI-ready for Full HD entertainment
- DisplayPort connection for maximum visuals

Vivid pictures every time
- IPS LED wide view technology for image and color accuracy
- 16:9 Full HD display for crisp detailed images
- SmartImage presets for easy optimized image settings
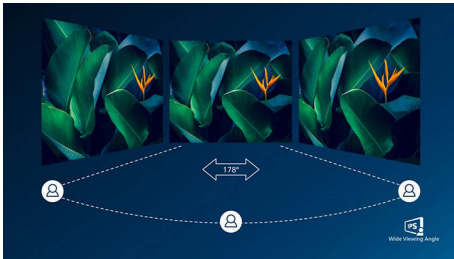- Narrow border display for a seamless appearance

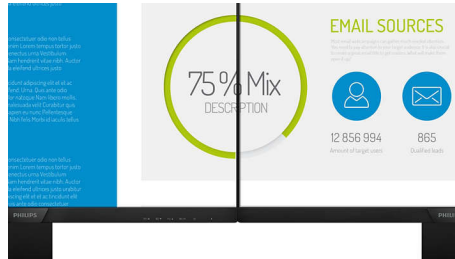**PHILIPS**

Highlights

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 x 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.

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

IPS Wide Viewing Angle | Full HD 1080p | SmartImage | Flicker-free | LowBlue Mode | EasyRead | Built-in Speaker | HDMI HIGH DEFINITION MULTIMEDIA INTERFACE | DP | VESA Mount

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Specifications

Connectivity
- Signal Input: VGA (Analog), DisplayPort 1.2, HDMI 1.4 x 1
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display
- Panel Size: 21.5 inch / 54.6 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.248 x 0.248 mm
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 10,000,000:1
- Response time (typical): 5 ms (GtG)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Maximum resolution: 1920 x 1080 @ 75 Hz*
- Effective viewing area: 476.06 (H) x 267.79 (V)
- Scanning Frequency: 30 -83 kHz (H) / 56 -76 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 102 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%

Convenience
- Built-in Speakers: 2W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: Power On/Off, Menu/OK, Volume/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: 0.5 W (typ.)
- On mode: 11.31W (typ.) (EnergyStar test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Product with stand (mm): 490 x 368 x 195 mm
- Product with stand in inch: 19.3 x 14.5 x 7.7 inch
- Packaging in mm (WxHxD): 575 x 440 x 113 mm
- Product without stand (mm): 490 x 296 x 45 mm
- Packaging in inch (WxHxD): 22.6 x 17.3 x 4.4 inch
- Product without stand in inch: 19.3 x 11.7 x 1.8 inch

Weight
- Product with packaging (kg): 4.41 kg
- Product with stand (kg): 2.80 kg
- Product with packaging (lb): 9.70 lb
- Product with stand (lb): 6.16 lb
- Product without stand (kg): 2.45 kg
- Product without stand (lb): 5.39 lb

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, TCO Certified, WEEE, EnergyStar 8.0
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: SEMKO, TUV/ISO9241-307, CE Mark, ICES-003, RCM, MEPS, PSE, VCCI, TUV Cert. - blue light cut-off

Cabinet
- Color: Black
- Finish: Textured

What's in the box?
- Cables: D-Sub cable, HDMI cable, Power cable
- Monitor with stand
- User Documentation

* "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