

PHILIPS

LCD monitor

Business monitor

3000 series

31.5" (80cm)

2560 x 1440 (Quad HD)

32B2N3500



Redefining workflow productivity

Speed through daily tasks in comfort with this monitor's SoftBlue technology, Quad HD resolution, and 100Hz refresh rate. Not to mention, SmartErgoBase adds an ergonomic touch to the monitor's feature list.

Designed for the way you work

- SmartErgoBase enables people-friendly ergonomic adjustments
- Smart Link Sync: Matches primary display on second screen
- Eyesafe certified blue light protection and color accuracy
- D-Mode: Optimized for subtle grayscale perception
- Ultra Slim Bezel: for minimal edges and more screen
- SoftBlue Technology: for comfortable viewing

Easy to experience

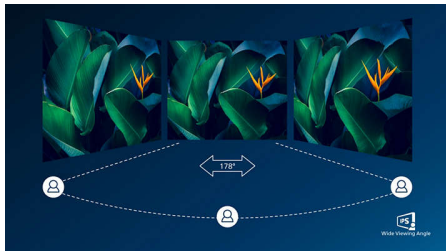
- VESA mount for convenience
- HDMI ensures universal digital connectivity

Superb Picture Quality

- 100Hz refresh rates for ultra-smooth images
- IPS LED wide view technology for image and color accuracy
- Crystalclear images with Quad HD 2560 x 1440 pixels
- 1.07 billion colors for smooth color gradations and detail

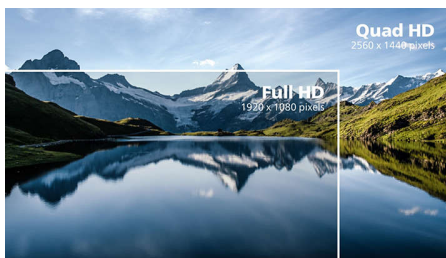
Highlights

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.

Crystalclear images



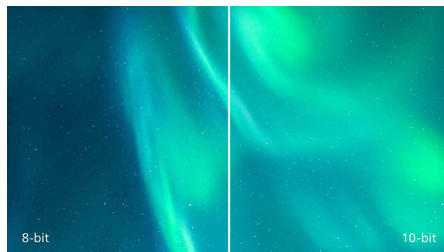
These Philips screens deliver Crystalclear, Quad HD 2560x1440 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

100Hz Fast refresh



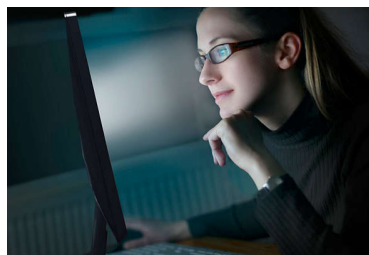
This Philips display refreshes the screen image up to 100 times per second which makes this monitor much faster than a standard display. With a 100Hz frame rate, gamers are able to find those critical images on the screen that show enemy movement in an ultra-smooth motion so that they are easily targetable.

10-bit colors



The 10-bit display delivers rich color depth with 1.07 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color banding.

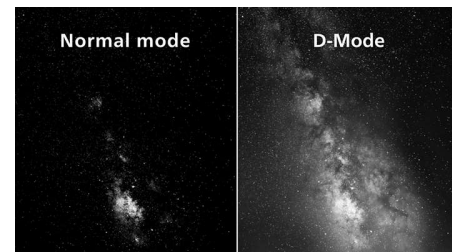
SoftBlue Technology with Low Blue Light Panel



SoftBlue technology offers increased visual comfort and protection against adverse health effects caused by prolonged exposure to blue light. With the low blue-light panel, the ratio of display emission light in the range of 415-455 nm to 400-500nm is reduced to less than 50%. As a

result, the SoftBlue technology provides optimal visual comfort, minimizes eye strain, and supports sustained focus. Not to mention, SoftBlue LED technology is tested and TÜV Rheinland Low Blue Light (Hardware Solution) certified for its effectiveness in reducing blue light emissions.

D-Mode



Reveal every hidden detail in the dark-toned areas of your display. D-Mode enhances grayscale detail to make subtle tonal differences easier to see. Based on the grayscale perception model defined by the DICOM Part 14 GSDF standard, it improves the visibility of details that standard display settings may miss. The result is clearer differentiation between subtle shades and improved detail visibility in grayscale content such as technical illustrations, scans, and other high-detail imagery.

Smart Link Sync Second Screen Harmony



When connected as a secondary monitor in a daisy-chain setup with a Smart Link Sync enabled primary display, brightness and color settings are automatically synchronized. There is no manual adjustments needed. Whether you're designing, presenting, or multitasking, enjoy seamless visual consistency across screens. Choose from OSD Sync or Light Sync modes (Low, Mid, or High) in the primary monitor to match your environment.

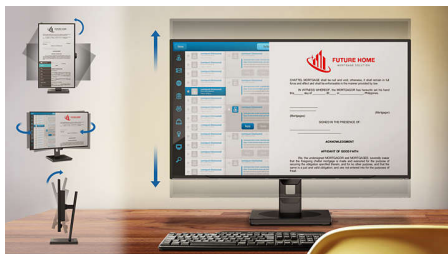
Highlights

eyesafe® CERTIFIED 2.0 (RPF 40)



The Philips display meets the eyesafe® CERTIFIED 2.0 standard to truly protect you from the long exposure to blue light. The always-on blue light filter not only helps reduce digital eye strain, but also guarantees color integrity.

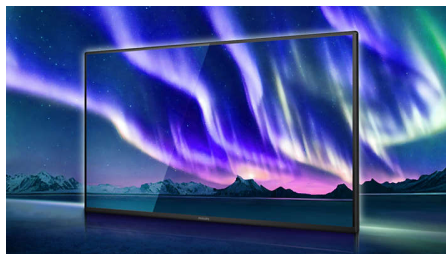
SmartErgoBase



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.

Ultra Slim Bezel



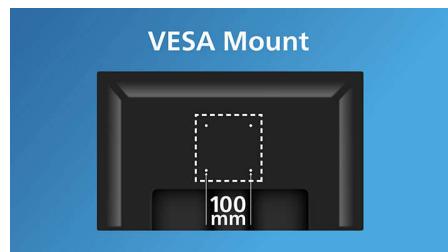
This monitor makes your viewing experience feel more seamless and complete by reducing the amount of frame surrounding the screen. The Ultra Slim Bezel feature makes for an elegant transition from the screen to the narrow monitor bezel; thereby making it more beautiful in form and function.

HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all 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).

VESA mount for convenience



Industry-standard VESA mounting holes ensure compatibility with most small form factor PCs and thin clients.

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: 0.2727x0.2727mm
Brightness: 350 cd/m²
Display colors: 1.07B (10 bits)
Color gamut (typical): NTSC area: 102%, sRGB area: 113%*
Contrast ratio (typical): 1000:1
SmartContrast: 50,000,000:1
Response time (typical): 4 ms (Gray to Gray)*
Viewing angle: 178° (H) / 178° (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 2560x1440@100Hz
Effective viewing area: 698.112(H)x392.688(V) mm
Scanning Frequency: 30K-150KHz (H) / 48-100Hz (V)
sRGB
SoftBlue
Flicker-free
Pixel Density: 93 PPI
Display Screen Coating: Anti-Glare, 3H, Haze 25%
EasyRead
Adaptive sync (VRR)
EyeSafe
Smart Link Sync: When used as a secondary monitor only*
DICOM (D-mode)

Connectivity

Signal Input: HDMI 2.0 x 2, DisplayPort 1.2 x 1
Sync Input: Separate Sync, Sync on Green
Audio (In/Out): Audio out x 1
HDCP: HDCP 1.4 (HDMI / DisplayPort); HDCP 2.2 (HDMI / DisplayPort)
USB Hub: USB3.2, Gen1, 5G, Upstream: 1x USB-B, Downstream: USB-A x4 (with x1 fast charge B.C 1.2)

Convenience

Built-in Speakers: 2 W x 2
Plug & Play Compatibility: DDC/CI, Mac OS, sRGB, Windows 11 / 10
User convenience: SmartImage, Input, Brightness, Menu, Power On/Off
OSD Languages: Brazil Portuguese, Czech, Dutch, English, French, Finnish, German, Greek, Hungarian, Italian, Japanese, Korean,

Portuguese, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian

Other convenience: Kensington lock, VESA mount (100x100mm)

Control software: SmartControl

Stand

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

Power

ECO mode: 14 W (typ.)
Power supply: Built-in, 100-240VAC, 50-60Hz
Off mode: 0.3 W (typ.)
On mode: 20.05 W (typ.) (EnergyStar test method)
Standby mode: 0.3 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 840 x 510 x 159 mm
Product without stand (mm): 714 x 423 x 61 mm
Product with stand(max height): 714 x 627 x 299 mm

Weight

Product with packaging (kg): 13.34 kg
Product with stand (kg): 9.58 kg
Product without stand (kg): 6.78 kg

Operating conditions

Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
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: EPEAT*, RoHS, Energy Star
Post consumer recycled plastic: 85%
Recyclable packaging material: 100 %
Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards

Regulatory Approvals: CB, CE Mark, ETL, CEC, TUV/GS, TUV Ergo, TCO Certified, TCO Certified Edge, EAC, EAC ROHS, MEPS, UKCA, EMF, FCC, ICES-003, eyesafe® CERTIFIED 2.0, TÜV Rheinland Low Blue Light (Hardware Solution)

Cabinet

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



* Radius of the arc of the display curvature in mm
 * Response time value equal to SmartResponse
 * sRGB Area based on CIE1931, NTSC Area based on CIE1976.
 * EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.
 * This monitor supports Smart Link Sync only when used as a secondary monitor in a daisy-chain configuration, connected to a primary monitor that also supports Smart Link Sync.
 * The monitor may look different from feature images.
 * The products and accessories listed on this leaflet may differ by country and region.