Philips
Open frame touch screen
monitor

B Line
15" (38.1 cm)
1024 x 768

152B1TFL

Brilliant interactive display
with SmoothTouch

Philips open-frame touch monitor provides optimal flexibility for mounting. A sturdy, water and dust resistant, edge-to-edge design fit your needs. Great brightness performance and anti-glare display creates an outstanding picture clarity.

Brilliant interactive display
- SmoothTouch display for natural, fluid touch response
- Monitor front surface meets IP65 for water & dust resistance
- Anti-glare coating (AG) for reducing the visual interference
- SmartContrast for rich black details
- LowBlue Mode for easy on-the-eyes productivity
- Less eye fatigue with Flicker-free technology
- EasyRead mode for a paper-like reading experience

Easy to experience
- HDMI ensures universal digital connectivity
- DisplayPort connection for maximum visuals
- VESA mount allows for flexibility

TÜVRheinland
CERTIFIED
www.tuv.com
Eye Comfort

PHILIPS

Highlights

SmoothTouch

This Philips display uses Projected capacitive 10 point touch technology for fluid response. You can fully utilize the new capabilities of touch based applications, and bring your older applications to life. Touch-type with 10 fingers, or play exciting interactive games with your friends. Collaborate with colleagues interactively at work or school environment and increase your productivity and efficiency.

Water and dust resistant

For less than perfect environments, you need a monitor that's designed to hold up to the splashes of water and dust that happen in the everyday world. Ingress Protection (IP) ratings defined in international standard IEC/EN 60529, are used to define levels of sealing effectiveness of electrical enclosures against intrusion from foreign bodies and moisture. This Philips display meets international the IP rating for water and dust resistance, it will hold up to water splashes and dust that happen in the everyday world.
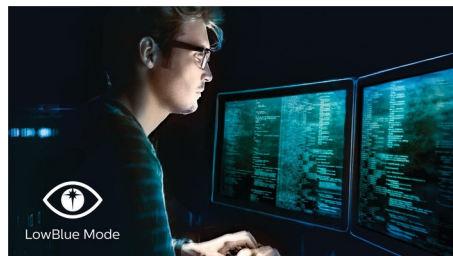
Anti-glare coating

Anti-Glare Coating, abbreviated AG, can reduce the glare of your touch monitor screen. This chemical process is made in the back of the touch glass, and therefore you don't need an additional film to have comfort in your eyes. Images are crystal clear with pure color and great clarity.

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.

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.

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.

EasyRead mode

EasyRead mode for a paper-like reading experience

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).

Specifications

Picture/Display
- LCD panel type: TFT-LCD (TN)
- Backlight type: W-LED system
- Panel Size: 15 inch / 38.1 cm
- Effective viewing area: 304.128 (H) x 228.096 (V)
- Aspect ratio: 4:3
- Maximum resolution: 1024 x 768 @ 75Hz*
- Pixel Density: 85 PPI
- Response time (typical): 4 ms (Gray to Gray)*
- Brightness: 450 cd/m²
- Contrast ratio (typical): 800:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.297 x 0.297 mm
- Viewing angle: 160° (H) / 150° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Color gamut (typical): NTSC 60% (CIE 1931)
- Display colors: 16.2 M
- Scanning Frequency: 30 - 60 kHz (H) / 50 - 75 Hz (V)
- sRGB
- Flicker-free
- EasyRead
- LowBlue Mode

Touch
- Touch technology: Projected capacitive
- Touch points: 10 point
- Touch method: Stylus, Finger, Glove*
- Touch interface: USB
- Touch glass hardness: 7 H
- Touch glass coating: AG coating (Haze: 5% -/+ 3%, Gloss: 80 -/+ 10)
- Touch active area: 304.128 mm (H) x 228.096 mm (V)
- Operating system: Windows 10 / 8.1 / 8 / 7; Android 11 / 10 / 9 / 8*
- Palm rejection area: >= 30 x 30 mm
- Brightness: 380 nits (typ)
- Ingress protection: IP65 - front only
- Sealability: Touchscreen sealed to bezel; Touchscreen sealed to LCD

Connectivity
- Signal Input: VGA (Analog), DVI-D (digital, HDCP), DisplayPort 1.2, HDMI 1.4
- USB:: USB 3.2 x 1 (Upstream), USB 3.2 x 2 (Downstream with 1 fast charge B.C 1.2), mini USB x 1
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Audio out

Convenience
- User convenience: SmartImage, Input, Brightness, Menu, Power On/Off
- Control software: SmartControl
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukranian
- Other convenience: Kensington lock, OSD keypad control, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 10 / 8.1 / 8 / 7

Power
- ECO mode: 6.1 W (typ.)
- On mode: 9.6 W (typ.)
- Standby mode: 0.3 W (typ.)
- Off mode: 0.3 W (typ.)
- Energy Label Class: D
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: External, 100-240VAC, 50-60Hz

Dimensions
- Product without stand (mm): 350 x 286 x 49 mm
- Packaging in mm (WxHxD): 465 x 350 x 123 mm

Weight
- Product without stand (kg): 3.42 kg
- Product with packaging (kg): 4.13 kg

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

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

Compliance and standards
- Regulatory Approvals: CB, CE Mark, FCC Class B, SEMKO, UKRAINIAN, ICES-003, TUV/GS, TUV Ergo, CU-EAC, EAEU RoHS, TUV Eye Comfort certified

Cabinet
- Front bezel: Black
- Rear cover: Black
- Finish: Texture

What's in the box?
- Monitor
- Cables: HDMI cable, DP cable, USB-A to B cable, Power cable
- User Documentation

* The maximum resolution works for either HDMI input or DP input.
* Response time value equal to SmartResponse
* NTSC Area based on CIE1976
* sRGB Area based on CIE1931
* Glove material and thickness: Nitrile (0.15 mm), Cotton (0.31 mm), CPE (0.03 mm), PVC (0.12 mm)
* Please refer to "SmoothTouch" in user manual for more details of operating systems support in touch function.
* The monitor may look different from feature images.