the best productivity solution

Superior performance for tough jobs: With superior ergonomics and excellent, clear display plus SmartManage for remote, LAN-based monitor management and low power consumption, the Philips190B5 delivers a big-screen productivity edge.

Maximum comfort for maximum productivity
- Tilt and swivel adjustment for an ideal viewing angle
- Adjustable screen height for the ideal viewing angle
- Built-in speakers for audio without desktop clutter

Lower total cost of ownership
- Power consumption below the industry average
- SmartManage compatibility enables LAN-based asset management

Outstanding front of screen performance
- Fast response time for great display of moving images
- SXGA 1280 x 1024 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals
- sRGB ensures color matching between display and printouts
- Wide viewing angle for extra freedom

Great convenience
- Embedded power supply eliminates external power adaptors

PHILIPS

Highlights

Wide viewing angle

A wide viewing angle provides the clearest display with little reflection from virtually any angle.

Fast response time

Response time measures signal reaction speed in milliseconds. On/off response time measures the time required for the screen to turn from completely white to completely black and vice versa. Fast on/off response time improves display of text. Gray-to-grey response time measures the average time of transition between several sets of random gray levels - Lower numbers mean faster transitions. Faster is better because a fast response time eliminates visible image artifacts that could dampen your experience when viewing fast moving images or objects.

SXGA, 1280 x 1024 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.
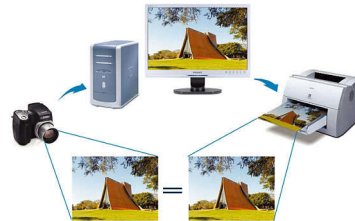
Dual input

VGA connector   DVI connector

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

sRGB ready

sRGB is an industry standard that ensures the best possible match between the colors displayed on your screen and those in your printouts.

Built-in speakers

A pair of stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

Adjustable height

Adjustable height is the ability of a monitor to travel up or down on its base and lock into position when the desired height is reached, delivering a comfortable, individualized viewing angle that is just right for the user's height, weight, body-type and posture, alleviating possible eyestrain or fatigue that can come from long hours working on a computer.

Screen tilt and swivel

Screen tilt and swivel is a mechanism built into the base permits the monitor to swivel and tilt backward or forward.

SmartManage enabled

SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

Lower power consumption

Reduction of the electrical power required to operate a device.

Embedded power supply

An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

Specifications

Connectivity
- Signal Input: VGA (Analog), DVI-D, PC Audio in
- I/O interface on pad: Headphone jack

Picture/Display
- Panel Size: 19"/ 48cm
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Pixel pitch: 0.294 x 0.294 mm
- Optimum resolution: 1280 x 1024 @ 60 Hz
- Brightness: 250 cd/m²
- Display colors: 16 M
- Contrast ratio (typical): 500:1
- Response time (typical): 25 ms
- Viewing angle: @ C/R > 10
- Viewing angle (horizontal): 176 degree
- Viewing angle (vertical): 176 degree
- Horizontal Scanning Frequency: 30 - 82 kHz
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Effective viewing area: 376.3 x 301.1 mm
- Factory Preset Modes: 15 modes
- Refresh Rate (V): 56 - 76 Hz
- sRGB
- User definable modes: 14 modes
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297

Convenience
- Plug & Play Compatibility: DDC CI, sRGB, Windows 98/ME/2000/XP
- Built-in Audio: 2W RMS x 2 stereo speakers
- User convenience: On-screen Display, SmartManage
- Monitor Controls: Auto, Brightness Control, Left/ Right, Menu (OK), Power On/Off, Up/Down, Volume control
- Regulatory approvals: CE Mark, E2000, EMC, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO '99, TÜV/GS, TÜV Ergo
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock
- Swivel: +/- 175°
- Tilt: -5° to 30°
- VESA Mount: 100 x 100 mm

Power
- Power supply: Built-in
- Consumption (On mode): 40 W (Typical)
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Complies with: E2000, Energy Star, NUTEK
- Consumption (Off Mode): 1 W

Dimensions
- Height adjustment range: 40 mm
- Weight: 7.8 kg
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Depth (with base): 235 mm
- Height (with base): 410 mm
- Width (with base): 425 mm

Accessories
- Included accessories: AC Power Cord, Audio Cable, Protective film, VGA cable
- User Manual
- Optional accessories: Super Ergo Base