the smart way to boost productivity

Productivity pays: Look to the Philips 230W5 with SmartManage - remote, LAN-based monitor management - for professional motion picture, video, CD and DVD post production work that demands a big, wide screen, PiP and input source variety.

Maximum comfort for maximum productivity
- Big, widescreen ideal for viewing two A4 pages side-by-side
- Display more images and content without scrolling
- Tilt and swivel adjustment for an ideal viewing angle
- SmartManage compatibility enables LAN-based asset management
- Easy to access connections on a front to improve efficiency

Outstanding front of screen performance
- Fast response time for great display of moving images
- WUXGA, wide format 1920x1200 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals
- Widest viewing angle up to 176 degrees

Multi-function for ultimate convenience
- Built-in high-speed USB 2.0 solution for easy connections
- Display from multiple video sources:YPbPr, S-Video, and CVBS

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Highlights

WUXGA, wide format 1920 x 1200
Wide format of Ultra Extended Graphics Array, a display specification that is capable of displaying 1920 x 1200 resolution, or approximately 2.3 million pixels.

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.

Widest viewing angle
The widest viewing angle up to 176 degree provides the clearest display from any angle.

Dual input

VGA connector   DVI connector

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

Universal card reader (UCR)
A UCR is a device that reads data from portable media and transfers data to PC. It reads data from SD/MMC, Memory Stick, Smart Media and two types of Compact Flash memory cards without an additional peripheral.

USB connectivity solution
The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Because it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. By placing a USB 2.0 solution in a monitor, Philips provides a conveniently located, easy-to-use, high-speed USB connection for reading, writing, loading and transferring programs, data, digital media or music files to, from or among your PC and one or more USB devices.

Video connection
Plugs to accomodate signal input from a variety of sources

Picture in Picture
PIP enables the viewing of a small television or video window at a selected location in a full-screen display.

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.

VESA mounting holes
A unified industry standard for wall mounting IT equipment set by the Video Electronics Standards Association.

In-box DVI cable
A DVI cable is shipped with the product to provide high quality digital display.

Large viewing area
Viewing area is the visible portion of a monitor screen available for displaying data.

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.

Widescreen
A big, widescreen display that improves productivity by displaying two A4 pages side-by-side.

Front connections
A USB 2.0 hub and an universal card reader (UCR) located on the front side of monitor for convenient and efficient access.

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.

Wide Viewing Angle   **VGA dvi** Dual*Input*   **USB**Connectivity   PIP PICTURE-IN-PICTURE   **Built-in** POWERSUPPLY   HDMI™ x 3 HIGH-DEFINITION MULTIMEDIA INTERFACE   Plug & Play Multi-**Touch**

Specifications

Connectivity
- Signal Input: VGA (Analog), DVI-I
- USB: USB 2.0
- Other connections: Stereo line out
- Audio input for PC: 3.5mm Phone Jack x 2
- Audio input for video: Audio Left/Right (RCA x 2)
- Other video input: Component Video, S-Video
- AV 1: CVBS in, S-Video, YPbPr

Picture/Display
- Panel Size: 23" / 58.4 cm
- Aspect ratio: 16:10
- LCD panel type: 1920 x 1200 pixels, Anti-glare polarizer, RGB vertical stripe
- Pixel pitch: 0.258 (H) x 0.258 (V) mm
- Optimum resolution: 1920 x 1200 @ 60Hz
- Brightness: 250 cd/m²
- Display colors: 16 M
- Contrast ratio (typical): 500:1
- Response time (typical): 16 ms
- Viewing angle: @ C/R > 10
- Viewing angle (horizontal): 176 degree
- Viewing angle (vertical): 176 degree
- Picture enhancement: Picture in Picture, Progressive scan
- Horizontal Scanning Frequency: 30 - 94; 28 - 94 (YPbPr) kHz
- Maximum Resolution: 1920 x 1200 @ 60Hz
- Effective viewing area: 495.4 x 309.6 mm
- Factory Preset Modes: 20 modes
- Refresh Rate (V): 56 - 85 Hz
- User definable modes: 15 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, Windows 98/ME/2000/XP

- Built-in Audio: 3W RMSx2 stereo speakers
- User convenience: On-screen Display
- Monitor Controls: Auto, Brightness Control, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume control
- Regulatory approvals: CE Mark, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish, Japanese
- Other convenience: Kensington lock
- Swivel: +/- 170°
- Tilt: -5 degree to +20 degree
- VESA Mount: 100 x 100 mm

Power
- Power supply: Built-in
- Consumption (On mode): 90W (Typical)
- Power LED indicator: Operation - Blue, Stand by/sleep - Amber
- Complies with: Energy Star, NUTEK
- Consumption (Off Mode): < or = 2 W

Dimensions
- Weight: 9 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): 250 mm
- Height (with base): 452 mm
- Width (with base): 548 mm

Accessories
- Included accessories: AC Power Cord, PC audio cable, USB cable, VGA cable, DVI-D cable
- User Manual

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