Philips Brilliance
LCD widescreen monitor

58 cm (23")
WUXGA

*Brilliance*

230W5VS

# 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.

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

## Multi-function for ultimate convenience
• A solid-state 6-in-1 card reader for easy media access
• Built-in high-speed USB 2.0 solution for easy connections
• Display from multiple video sources: YPbPr, S-Video, and CVBS
• Displays PC data while viewing video or TV in a window

## Great convenience
• Embedded power supply eliminates external power adaptors
• VESA mounting pattern for easy wall mounting of display
• Easy plug-and-play DVI for a true digital experience

**PHILIPS**

sense **and** simplicity

# 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**
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.

# Specifications

**Picture/Display**
- LCD panel type: 1920 x 1200 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 23" / 58.4 cm
- Effective viewing area: 495.4 x 309.6 mm
- Pixel pitch: 0.258 (H) x 0.258 (V) mm
- Brightness: 250 cd/m²
- Contrast ratio (typical): 500:1
- Display colors: 16 M
- Viewing angle: @ C/R > 10
- Viewing angle (H / V): 176 / 176 degree
- Response time (typical): 16 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1920 x 1200 @ 60Hz
- Optimum resolution: 1920 x 1200 @ 60Hz
- Factory Preset Modes: 20 modes
- User definable modes: 15 modes
- Horizontal Scanning Frequency: 30 - 94; 28 - 94 (YPbPr) kHz
- Refresh Rate (V): 56 - 85 Hz
- Aspect ratio: 16:10
- Picture enhancement: Picture in Picture, Progressive scan

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

**Convenience**
- 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
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish, Japanese
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC CI, Windows 98/ME/2000/XP
- Regulatory approvals: CE Mark, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
- Swivel: +/- 170°
- Tilt: -5 degree to +20 degree
- VESA Mount: 100 x 100 mm

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

**Dimensions**
- Dimensions (with base) (W x H x D): 548 x 452 x 250 mm
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Weight: 9 kg

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

USB Connectivity   Built-in POWER SUPPLY   VGA dvi Dual Input   SmartManage   PIP PICTURE-IN-PICTURE

**PHILIPS**

Issue date 2011-06-07

Version: 3.0.4

12 NC: 8639 000 15335

www.philips.com