

Philips
LCD display

40 (39.56" / 100.5 cm diag.)
Full HD (1920 x 1080)

BDM4001FW



Expand your experience

Expand your viewing experience with this big Philips display. With this expansive 40" class full HD display you can truly immerse yourself into the game, or even give yourself needed space to spread out your work.

Expand your viewing experience

- MVA display gives awesome images with wide viewing angle
- Expansive 40-inch class brilliant display
- 16:9 Full HD display for crisp detailed images
- SmartContrast for rich black details
- SmartImage presets for easy optimized image settings

Design to enhance the looks

- Slim bezel design for a stylish look
- VESA mount allows for the perfect setup

Greener everyday

- Eco-friendly materials that meets international standards
- Mercury Free eco-friendly display

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BDM4001FW/93

Highlights

MVA display



Philips MVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 176/176 degree extra wide viewing angle, resulting in crisp images.

16:9 Full HD display



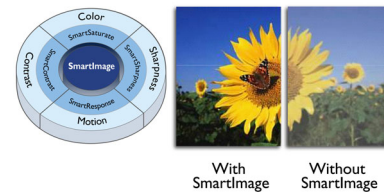
Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

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.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection,

SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

Slim bezel

A slim bezel design adds a stylish look to a public display to nicely blend in just about any environment. Furthermore this design makes the display ideal for tiled matrix video walls.

Eco-friendly materials

"Philips is committed to use sustainable, eco-friendly materials across its display range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in displays with CCFL backlight has been reduced significantly, while eliminated in displays with LED backlight completely. Visit Philips @ <http://www.asimpleswitch.com/global/> to learn more.

Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.



Specifications

Picture/Display

- LCD panel type: MVA
- Backlight type: W-LED system
- Panel Size: 39.56 inch / 100.5 cm
- Effective viewing area: 878.11 (H) x 485.35 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Response time (typical): 8.5 (Gray to Gray) ms
- SmartResponse (typical): 3 ms (Gray to Gray)
- Brightness: 280 cd/m²
- Contrast ratio (typical): 5,000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.457 x 0.449 mm
- Viewing angle: 176° (H) / 176° (V), @ C/R > 20
- Picture enhancement: SmartImage
- Display colors: 16.7M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity

- Signal Input: VGA (Analog), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green

Convenience

- User convenience: Power On/Off, 4:3 / Wide, Input, Menu, SmartImage
- OSD Languages: Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian, Brazil Portuguese, Czech
- Other convenience: Kensington lock, VESA mount (200x200mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Power

- ECO mode: 24.12 W (typ.)
- On mode: 58 W (typ.)

- Standby mode: <0.5 W (typ.)
- Off mode: <0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions

- Product with stand(max height): 904 x 576 x 221 mm
- Product without stand (mm): 904 x 512 x 77 mm
- Packaging in mm (WxHxD): 1070 x 673 x 161 mm

Weight

- Product with stand (kg): 9.74 kg
- Product without stand (kg): 7.20 kg
- Product with packaging (kg): 12.50 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: 30,000 hour(s)

Sustainability

- Environmental and energy: EnergyStar 6.0, EPEAT Silver, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, Lead free

Compliance and standards

- Regulatory Approvals: CCC, WEEE, CEL, CECP

Cabinet

- Front bezel: Silver
- Rear cover: White
- Foot: Silver
- Finish: Texture



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* Smart response time is the optimum value from either GtG or GtG (BW) tests.