



4K Ultra HD LCD display

- 43 (42.51"/108 cm diag.)
- 4K UHD (3840 x 2160)

BDM4350UC/89

4K Ultra High Definition

See the big picture with all the details

The expansive 43" class Ultra HD professional Philips display gives you the room to spread out, see the big picture and all the details in 4K Ultra High Definition (four times the resolution of full HD).

Benefits

Expand your viewing experience

- UltraClear 4K UHD (3840x2160) resolution for precision
- IPS LED wide view technology for image and color accuracy
- MultiView 4K for 4 systems on one screen
- SmartUniformity for consistent images
- SmartImage presets for easy optimized image settings
- Expansive 43-inch class brilliant display

Designed for the way you work

- Slim bezel design for a stylish look

- Powerful 7-Watt speakers to unleash your content
- USB 3.0 Hub for convenient access and fast charging
- SmartConnect with DisplayPort, HDMI and VGA connections
- MHL technology for enjoying mobile content on big screen
- VESA mount allows for the perfect setup

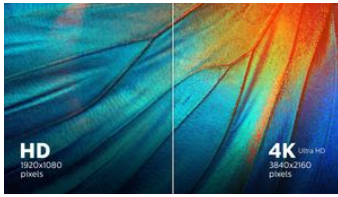
Sustainable Eco-design

- Zero power consumption with 0 watt hard switch

PHILIPS

Features

UltraClear 4K UHD Resolution



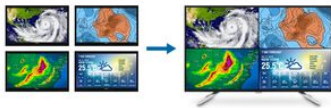
These latest Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

IPS technology



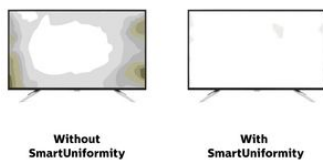
IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

MultiView technology for 4K



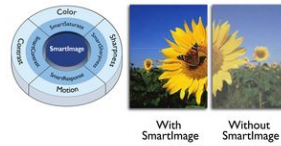
Philips MultiView feature on this expansive 4K UHD display enables you to have up to four systems each shown in Full HD on one screen. You can use the Picture-by-Picture (PbP) for monitoring four systems on one screen for control rooms or security. Or for multiple devices like two notebooks side-by-side simultaneously, making collaboration more productive. Or Picture-in-Picture mode (PiP) watching a live football feed from your set-top box, while working on your PC.

SmartUniformity



Fluctuations in brightness and color on LCD screens are a common phenomenon. Philips SmartUniformity mode delivers accurate images in terms of brightness; which is crucial for photography, design, and printing. With a color metric to assess color accuracy, this mode is calibrated to meet average luminance uniformity is greater than 95%. Selecting this mode will produce uniform and accurate images.

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!

7-Watt Speakers

A pair of high quality 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.

USB 3.0 Hub with FastCharge

Super Speed USB 3.0 deploys 5.0 gbit/s transfer rate, which is about 10 times faster than USB 2.0 standard significantly reducing data transfer time saving you time and money. With more bandwidth, super speed transfer rates, better power management and superior overall performance, USB 3.0 sets the latest global standard allowing you to use the large capacity storage devices. Now you don't have to wait so long for devices to charge. New FastCharge enables quick charging to charge and go. USB 3.0 is also backward compatible with USB 2.0 devices.

SmartConnect for 4K

These Philips displays come equipped with the most advanced multi connections like VGA, Display Port, universal HDMI connector, enabling you to enjoy high resolution uncompressed video and audio content. New DisplayPort and HDMI 2.0 connection now enables full 4K resolution at 60Hz for smooth visuals. USB connections ensures that you can have super speed data transfers while having global connectivity. Regardless of what source you use, you can rest assured that this Philips display will ensure your investment is not made obsolete any time soon!

MHL technology



Mobile High Definition Link (MHL) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays. An optional MHL cable allows you to simply connect your MHL capable mobile device to this large Philips MHL display, and watch your HD videos come to life with full digital sound. Now not only you can enjoy your mobile games, photos, movies, or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power half way.

Zero power consumption

At the flick of the 0 watt hard switch which is conveniently located at the back, you can completely cut-off your monitor from AC power. This results in zero power consumption reducing your carbon footprint even further

Specifications

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Picture/Display

LCD panel type	IPS LCD
Backlight type	W-LED system
Panel Size	42.51 inch (108 cm)
Effective viewing area	941.2 (H) x 529.4 (V)
Display Screen Coating	Anti-Glare, 3H, Haze 1%
Aspect ratio	16:9
Optimum resolution	3840 x 2160 @ 60Hz
Response time (typical)	5 ms (Gray to Gray)*
Brightness	300 cd/m ²
Contrast ratio (typical)	1200:1
SmartContrast	50,000,000:1
Pixel pitch	0.2451 x 0.2451mm
Viewing angle	178° (H) / 178° (V) @ C/R > 20
Picture enhancement	SmartImage
Flicker-free	Yes
Display colors	Color support 1.07 billion colors (10 bits)
Scanning Frequency	VGA/HDMI: 30 - 99 kHz ; DP: 30 - 160 kHz (H) / VGA: 56 - 80 Hz ; HDMI/DP: 23 - 80 Hz (V)
MHL	1080P @ 60Hz
sRGB	Yes
Brightness uniformity	96~105%
Delta E	<3

Connectivity

USB	USB 3.0x4 (1 w/fast charging)*
Signal Input	VGA (Analog) DisplayPort x 2 HDMI (2.0) - MHL x 2
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	PC audio-in Headphone out

Convenience

Built-in Speakers	7 W x 2
MultiView	PIP (2x devices) PBP (4x devices)
User convenience	SmartImage Multiview User 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 Ukrainian
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	46.5 W (typ.)
On mode	63.1 W (typ.) (EnergyStar 6.0 test method)
Standby mode	<0.5 W (typ.)
Off mode	Zero watts with AC switch
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	Built-in 100-240VAC, 50-60Hz

Dimensions

Product with stand(max height)	968 x 630 x 259 mm
Product without stand (mm)	968 x 562 x 82 mm
Packaging in mm (WxHxD)	1070 x 680 x 160 mm

Weight

Product with stand (kg)	9.72 kg
Product without stand (kg)	9.40 kg
Product with packaging (kg)	14.29 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	70,000 hrs (excluded backlight) hour(s)

Sustainability

Environmental and energy	EnergyStar 6.0 EPEAT Silver RoHS
Recyclable packaging material	100 %
Specific Substances	PVC / BFR free housing Mercury free Lead free

Compliance and standards

Regulatory Approvals	CECP WEEE KCC PSE VCCI J-MOSS EPA BSMI SEMKO RCM CE Mark FCC Class B EAC cETLus TUV/ISO9241-307 PSB E-standby SASO CB China RoHS UKRAINIAN
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Kuwait
KUCAS
ICES-003

Rear cover
Foot
Finish

Black
Silver
Glossy (Front bezel) / Texture (Foot /
Rear cover)

Cabinet

Front bezel Black

- * This Philips display is MHL certified. However, in case your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for direction. The policy of your device manufacturer may require you to purchase their brand specific MHL cable or adapter in order to work
- * Requires optional MHL certified mobile device and MHL cable. (not included) Please check with your MHL device vendor for compatibility.
- * Standby/Off energy saving of ErP is not applicable for the MHL charging functionality
- * For complete list of MHL-enabled products refer to www.mhlconsortium.org
- * Fast charging through BC 1.2 standard
- * Response time value equal to SmartResponse
- * Four inputs required for 4 systems on one screen.



data subject to change
2020, October 2

Version: 2.0.1
EAN: 8712581747725

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