



AOC C4008VU8 Monitor Curved 4K Monitor Information Manual

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Monitor Curved 4K Monitor



40-inch Curved 4K Display for Immersive Media Experience

Enjoy 4K on a wide curved panel that also boasts AOC Super Color Technology and 10-bit colors, bringing you rich, vivid colors to videos and images.

Key Features

- 40" Curved (3000R) Panel with 3840 x 2160 4K UHD Resolution
- AOC SuperColor Technology
- 10-bit Color Depth
- 1 x VGA, 1 x HDMI 1.4 (MHL), 1 x HDMI 2.0 (MHL), 2 x DP 1.2
- USB 3.0 x 4 (with 1 as fast-charging port)
- Two 5-watt Speakers and Audio Line-in/out
- Narrow Bezels for Multi-monitor Setup
- Flicker-Free Technology and LowBlue Mode for Reduced Eye Strain

4K
ULTRA HD



Conventional Full HD Monitor
(1920 x 1080)
= 2,073,600 pixels



AOC 28" UHD Monitor
(3840 x 2160)
= 8,294,400 pixels

Ultra High Definition and High Pixel Density

AOC's C4008VU8 features a 40-inch class professional, high-quality, non-glare VA panel for fast refresh. Ultra High Definition (UHD) allows users to see more on the screen at one time; it gives more 'real estate' and also shows more detail for sharper and more brilliant images. A 4K (3840 x 2160) resolution is four times a Full HD (1920 x 1080) resolution. Whether working on the next beautiful photo, design, or even just for productivity, users will appreciate the true crisp image from a UHD display.



TN mode



VA Panel for Wide Viewing Angles

Vertical Alignment panels give 178/178 degree viewing angles while maintaining consistent image quality and colors from all viewing positions. VA panels have the color depth that results in incredible color accuracy. VA is perfect for graphic designing, video editing, photo retouching, amongst others. You can also view your spreadsheets or weekend movies from virtually any angle without compromising color uniformity.



72% NTSC



85% NTSC

AOC SuperColor Technology

This curved 4K monitor has larger color gamut, which means larger range of the wide-gamut RGB color space the monitor is able to display. A typical monitor has only 72% NTSC color gamut, whereas the C4008VU8 boasts an incredible 85% NTSC wide color gamut for rich vivid colors.



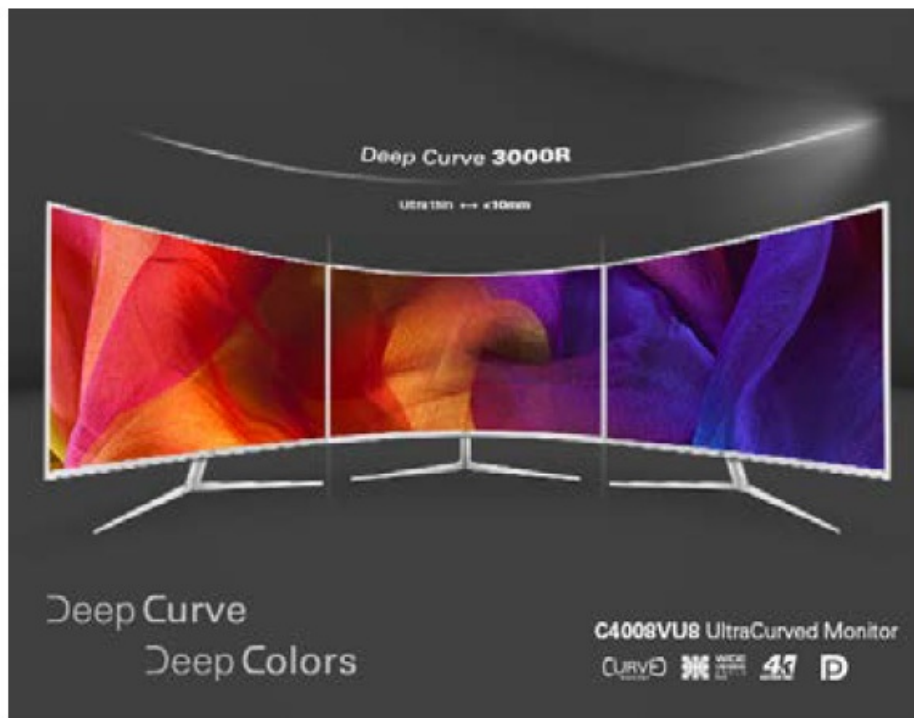
10-bit panel



8-bit panel

10-bit Colors

This monitor features a 10-bit panel boasting 1.07 billion colors. The Frame-Rate-Control (FRC) technology is used to enhance the color depth of the 8-bit panel and boosting the normal 16.7 million colors found in most displays, to 1.07 billion colors. More colors means the panel can present more depth and richer color, producing more colorful and vivid images.



Immersive Visual Experience

Human eyes are not flat and perceive the world around us in angles and curves. Curved monitors deliver the best viewable angles that allow users to see more. Aside from the appeal of an immersive gaming or work environment, there's a benefit in reduced eyestrain from a consistent radius between your eye.



Flicker-Free Technology for Reduced Eye Fatigue

The normal LED-backlit monitors adjust brightness using PWM (Pulse Width Modulation). This causes flicker although human eyes can't see it easily, it still causes discomfort over long periods of time. Flicker-free technology is using DC (Direct Current) backlight system to provide more comfortable and healthy viewing.

C4008VU8 Specifications

- **Cabinet Color:** White/Silver
- **Panel:** TFT Active Matrix, LED Backlight, VA curved panel, 40" Class Widescreen, 16:9 Aspect Ratio 40" Viewable Image Size
- **Pixel Pitch:** 0.23 (H) mm x 0.23 (V) mm
- **Display Area:** 884.74 mm(H) x 497.66 mm(V)
- **Brightness:** 300 cd/m²
- **Contrast Ratio:** 20M:1
- **Response Time:** 5ms
- **Viewing Angle: Horizontal:** 178 Degrees (CR>10) **Vertical:** 178 Degrees (CR>10)
- **Scanning Frequency:** Horizontal: 30K~99KHz (VGA, HDMI 1.4, MHL) / 30~160KHz (HDMI 2.0, DP) **Vertical:** 23~80Hz
- **Optimal Resolution Recommended:** 3840×2160@60Hz 3840×2160@60Hz
- **Supported Resolutions:** 640×480@60/67/72/75Hz, 720×400@70Hz, 800×600@56/60/72/75Hz, 832×642@75Hz, 1024×768@60/70/72/75Hz, 1280×720@60Hz, 1280×1024@75Hz, 1280×960@60Hz, 1440×900@60Hz, 1680×1050@60Hz, 1920×1080@60Hz, 2560×1080@60Hz, 3840×2160@60Hz
- **Color Depth:** 1.073 Billion colors
- **Connectors:** 1 x VGA, 1 x HDMI 1.4 (MHL), 1 x HDMI 2.0 (MHL), 2 x DP 1.2
- **USB:** 3.0 x 4 (with one as fast-charging port)
- **Audio:** 5-watt speakers (2x), Audio line-in/out
- **User Control:** Source/Auto/Exit, Clear Vision, Volume, Menu/Enter, Power
- **Adjustability:** Tilt: -5°±1.5°~+13.5±1.5°
- **Power Source:** Universal 110~240VAC, 50/60Hz
- **Power On:** 47W (Typical), Standby: <0.5W
- **Regulations:** cTUVus, CE, FCC, RoHS, Windows 8/10 compatible
- **Other Features:** Curved VA panel, 85% NTSC color gamut, Kensington Security Slot, 100mm VESA, User Friendly Graphical OSD Menu, Includes AOC's eSaver software, i-Menu software
- **Dimensions :** (WxHxD mm)
- **Monitor:** 906.8 x 631.8 x 245.8 Carton: 281 x 1070 x 784
- **Dimensions:** (WxHxD inches)
- **Monitor:** 35.7 x 24.8 x 9.7 Carton: 11.1 x 42.1 x 30.87
- **Weight (Net):** 26.12 lbs (11.85 kgs) Net
- **Weight (Gross):** 38.13 lbs (17.3 kgs) Gross

40" Curved Monitor, Power Cord, Power Adapter, HDMI cable, DP cable, Audio cable, Quick Start Guide
Wall mount arm & bracket not included. Actual product may vary from image shown on datasheet. The information contained herein is subject to change without notice. AOC shall not be liable for technical or editorial errors or omissions contained herein. All other trademarks are property of their respective owners. For more information, visit us.aoc.com or call 888-838-6388

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