

ULTRA-SMOOTH,  
ULTRA-FAST, BUILT TO  
WIN

POWERED BY  
**24G50F**



The 24G50F features a 24" FHD IPS panel for sharp visuals and wide viewing angles. With a 144Hz/OC 180Hz refresh rate and 0.5ms MPRT response time, gameplay stays fluid and responsive. While Dial Point, Shadow Control and Sniper Scope enhance accuracy and visibility.

- **Overclock to 180Hz**
- **IPS Panel**
- **0.5ms MPRT - Moving Picture Response Time**
- **Adaptive Sync Enabled**
- **Live the game at its best with HDR10**
- **Anti-Blue light**

## OVERCLOCK TO 180HZ

Overclock your display to 180Hz for ultra-smooth gaming visuals. Enjoy fluid motion and instant input lag reduction while playing fast-paced FPS, racing and action games. Every swift move and dynamic scene renders seamlessly, delivering immersive gameplay, sharper visuals and outstanding competitive performance for all your gaming sessions.



## IPS PANEL

IPS panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colours. Colours look consistent no matter from which angle you look at the display

## 0.5MS MPRT - MOVING PICTURE RESPONSE TIME

MPRT is an acronym for moving picture response time. MPRT technology disables and enables your monitor backlight during picture changes. Through the reduced time a frame is shown on the monitor, "ghosting" and "blurring" effects are reduced, resulting in a smoother, more "fluid" feeling gaming experience.



## ADAPTIVE SYNC ENABLED

Adaptive Sync technology eliminates screen tearing for smooth, uninterrupted gaming sessions.



## LIVE THE GAME AT ITS BEST WITH HDR10

HDR10 is here to enhance picture quality even further, improving the synchronization of your GPU or your console with the monitor. This creates a more realistic, immersive, and smooth gaming experience: You'll feel like stepping in the game, frame by frame.



## ANTI-BLUE LIGHT

AOC has created an innovative solution to protect against the damaging effects of blue light from computer screens. AOC's Anti-Blue Light technology is revolutionary in reducing the intensity and strength of blue light from computer screens while still maintaining true color and clarity.



| GENERAL                  |                          | CABINET INFORMATION                     |                            | PRODUCT DIMENSIONS                       |                               |
|--------------------------|--------------------------|-----------------------------------------|----------------------------|------------------------------------------|-------------------------------|
| Model Name               | 24G50F                   | Kensington Lock                         | Yes                        | Product dimensions incl. base (WxHxD) mm | 544(W) × 418.1(H) × 175(D)    |
| Brand                    | AOC                      | Vesa wallmount                          | 100x100                    |                                          |                               |
| Channel                  | Gaming                   | ERGONOMICS                              |                            | Product dimensions excl. base (WxHxD) mm | 544(W) × 318.5 (H) × 36.1 (D) |
| Product line             | AOC Gaming               | Tilt                                    | -3° ±2° ~ 21° ±2°          |                                          |                               |
| Design family            | G50                      | SUSTAINABILITY                          |                            | Packaging dimensions (WxHxD) mm          | 615(W) × 420 (H) × 124 (D)    |
| Launch date (ETA)        | 7/1/2026                 | RoHs compliant                          | Yes                        | Gross weight incl. package (in kg)       | 4,29                          |
| DISPLAY INFORMATION      |                          | Carton material                         | Paper                      | Net weight excl. package (in kg)         | 2,49                          |
| Screen size (inch)       | 23,8                     | Carton material print                   | Water Print (Brown Carton) | Product without stand (kg)               | 2,25                          |
| Flat / Curved            | Flat                     | POWER CONSUMPTION                       |                            | OTHER INFORMATION                        |                               |
| Curvature Radius         | Flat                     | Power supply                            | External                   | MTBF                                     | 30.000 hours                  |
| Panel treatment          | Antiglare (AG)           | Power consumption on (typical) in watts | 18,0                       |                                          |                               |
| Pixel Pitch (mm)         | 0,2745                   | Power consumption standby in watts      | 0,3                        |                                          |                               |
| Pixels per Inch          | 93,0                     | Power consumption off in watts          | 0,3                        |                                          |                               |
| Panel resolution         | 1920x1080                | REGULATORY COMPLIANCE                   |                            |                                          |                               |
| Aspect ratio             | 16:9                     | CB                                      | Yes                        |                                          |                               |
| Panel type               | IPS                      | CE                                      | Yes                        |                                          |                               |
| Backlight type           | WLED                     | FCC                                     | Yes                        |                                          |                               |
| Max Refresh rate         | 180Hz OC                 | CONNECTIVITY INFORMATION                |                            |                                          |                               |
| Response time GtG        | 4 ms                     | HDMI                                    | HDMI 2.0 x 1               |                                          |                               |
| Response time MPRT       | 0.5 ms                   | Digital HDCP (HDMI version)             | HDCP 2.2                   |                                          |                               |
| Static contrast ratio    | 1500:1                   | DisplayPort                             | DisplayPort 1.4 x 1        |                                          |                               |
| Viewing angle (CR10)     | 178/178                  | Audio Output                            | 1x Audio out               |                                          |                               |
| Display colours          | 16.7M (6bits+FRC)        | DP HDCP version                         | HDCP 2.2                   |                                          |                               |
| Brightness in nits       | 300 cd/m²                |                                         |                            |                                          |                               |
| VIDEO FEATURES           |                          |                                         |                            |                                          |                               |
| Sync technology (VRR)    | Adaptive sync + MBR Sync |                                         |                            |                                          |                               |
| HDR (High Dynamic Range) | HDR Ready                |                                         |                            |                                          |                               |
| Flicker-Free             | Flicker Free             |                                         |                            |                                          |                               |

⚡ **LEGAL DISCLAIMER**

The monitor may appear different from the feature image. The products, accessories, cable(s) supplied with the product may vary in type, quantity, and/or specifications in line with country- or region-specific requirements. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions. This product is sold with a limited manufacturer's warranty. Please refer to the warranty terms for coverage details. All Rights reserved.