# 24E4CV

## Enhance efficiency with the 24E4CV 24" FHD monitor

The 24E4CV features a 24" FHD display with a 120Hz refresh rate and Hardware Anti-Blue Light for sharp, eye-friendly visuals. With a 90W PD docking station and sleek design, it’s the perfect solution for boosting productivity and streamlining your workspace.

## Features

**FHD Resolution**
Want to watch a Blu-ray movie in full quality, enjoy games in high resolution or read crisp text in office applications? Thanks to its Full HD resolution of 1920 x 1080 pixels, this monitor lets you do just that. Whatever you are viewing, with Full HD it will be displayed in rich detail without requiring a high-end graphics card or consuming a lot of your system’s resources.

**120Hz Refresh Rate**
Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 120Hz refresh rate every frame is rendered sharply and in smooth succession, so you can line up your shots accurately and appreciate high speed races in all their glory.

**Height adjustable Stand**
Raise or lower the screen to suit each individual’s height and seating preferences. The easy-to-adjust stand ensures hours of comfort.

**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.

**Power Delivery 90W**
Streamline your workspace with the 90W USB-C Power Delivery and docking feature. Charge your laptop, transfer data, and connect peripherals through a single cable, delivering a clutter-free, efficient setup for enhanced productivity.

**USB-C Docking**
Simplify the connections with one cable only. The USB-C connection provides DisplayPort Alternate Mode for transferring high-resolution video signals from a notebook to the monitor while simultaneously charging the notebook’s battery from the monitor with USB power delivery.

| GENERAL | |
|---|---|
| **Model Name** | 24E4CV |
| **Brand** | AOC |
| **Channel** | B2B |
| **Product line** | Essential-line |
| **Design family** | E4 |
| **EAN** | 4038986142786 |

| DISPLAY INFORMATION | |
|---|---|
| **Screen size (inch)** | 23,8 |
| **Screen size (cm)** | 60,4 |
| **Flat / Curved** | Flat |
| **Display hardness** | 3H |
| **Panel treatment** | Antiglare (AG) |
| **Pixel Pitch (mm)** | 0,2745 |
| **Pixels per Inch** | 93,0 |
| **Panel resolution** | 1920x1080 |
| **Aspect ratio** | 16:9 |
| **Panel type** | IPS |
| **Backlight type** | WLED |
| **Max Refresh rate** | 120 Hz |
| **Response time GtG** | 4 ms |
| **Static contrast ratio** | 1500:1 |
| **Dynamic contrast ratio** | 20M:1 |
| **Viewing angle (CR10)** | 178/178 |
| **Display colours** | 16.7M (6bits+FRC) |
| **Brightness in nits** | 300 cd/m2 |
| **Local Dimming Zones** | Global Dimming |

| VIDEO FEATURES | |
|---|---|
| **Sync technology (VRR)** | Adaptive Sync |
| **Digital Signal Frequency Vertical** | 48 -120 Hz |
| **Digital Signal Frequency Horizontal** | 30k -140kHz |
| **HDR (High Dynamic Range)** | HDR Mode |
| **Blue Light Technology** | Anti Blue Light |
| **Colour space (sRGB) CIE 1976 %** | 111,1 |
| **Flicker-Free** | Flicker Free |
| **eyeSafe (TUV) hardware** | Yes |

| CABINET INFORMATION | |
|---|---|
| **Bezel Colour (front)** | Black |
| **Cabinet colour (backside)** | Black |
| **Cabinet finishing (backside)** | Texture |
| **Removable stand** | Yes |
| **Speaker power** | 2 W x 2 |
| **Built-in speakers fire direction** | Down fire |
| **Kensington Lock** | Yes |
| **Vesa wallmount** | 100x100 |

| ERGONOMICS | |
|---|---|
| **Tilt** | -5/30 |
| **Height adjust (mm)** | 150mm |
| **Swivel** | 175°±5 |
| **Pivot** | -90°~90° |

| SUSTAINABILITY | |
|---|---|
| **TCO Certified** | Yes |
| **Energy star** | Energy star 8 |
| **EPEAT** | Gold |
| **ECMA Eco declaration** | Yes |
| **Product carbon footprint (PCF)** | Yes |
| **WEEE** | Yes |
| **REACH compliant** | Yes |
| **RoHs compliant** | Yes |
| **PVC/BFR free housing** | Yes |
| **Mercury free** | Yes |
| **Recycable packaging material** | 100 % recycable |
| **Carton material** | Paper |

| POWER CONSUMPTION | |
|---|---|
| **Power supply** | Internal |
| **Power consumption on (Energystar test method) in watts** | 15,74 |
| **Power consumption standby in watts** | 0,3 |
| **Power consumption off in watts** | 0,3 |
| **Energy class** | C |

| REGULATORY COMPLIANCE | |
|---|---|
| **CB** | Yes |
| **CE** | Yes |
| **TUV-GS-Mark** | Yes |
| **TUV Ergo** | Yes |
| **EAC** | Yes |
| **FCC** | Yes |

| CONNECTIVITY INFORMATION | |
|---|---|
| **HDMI** | HDMI 1.4 x 1 |
| **Digital HDCP (HDMI version)** | HDCP 1.4/2.2 |
| **DisplayPort** | DisplayPort 1.2 x 1, DisplayPort Out |
| **USB Hub** | Yes |
| **USB type downstream** | 4 x USB-A |
| **USB fast charge port** | Yes |
| **Audio Output** | 1x Audio out |
| **DP HDCP version** | HDCP 1.4/2.2 |
| **USB Type upstream** | 1x USB-C (DP Alt Mode), USB-C PD: 90W |
| **USB generation** | USB 3.2 (Gen 1) |
| **RJ45** | 1x 10M/100M/1G |

| PRODUCT DIMENSIONS | |
|---|---|
| **Product dimensions incl. base (WxHxD) mm** | 542.4 x 381.5~507.4 x 222 |
| **Product dimensions excl. base (WxHxD) mm** | 542.4 x 320.2 x 51 |
| **Packaging dimensions (WxHxD) mm** | 650 x 455 x 139 |
| **Gross weight incl. package (in kg)** | 7,42 |
| **Net weight excl. package (in kg)** | 5,65 |
| **Product without stand (kg)** | 3,63 |

| WHAT'S IN THE BOX | |
|---|---|
| **HDMI cable** | 1.8 |
| **Displayport cable** | 1.8 |
| **USB-C to C cable** | 1x USB-C Gen2 1.5 meters |
| **Power Cable** | Yes |
| **Power cable C13** | 1.8 |

| OTHER INFORMATION | |
|---|---|
| **Warranty period** | 5 years |