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AOC U34V5C/BK

AOC U34V5C/BK 34-inch WQHD LED Monitor User Manual

Model: U34V5C/BK

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your AOC U34V5C/BK 34-inch WQHD LED Monitor. Please read this manual thoroughly before operating the device and retain it for future reference. The AOC U34V5C/BK is designed to deliver a high-quality visual experience with its 3440 x 1440 WQHD resolution and 21:9 aspect ratio, suitable for various applications from professional work to entertainment.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the monitor and ensure personal safety:

- Do not expose the monitor to rain or moisture to avoid fire or shock hazards.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Place the monitor on a stable, flat surface to prevent it from falling.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power cord and adapter supplied with the monitor.
- Unplug the monitor from the power outlet during lightning storms or when unused for long periods.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- AOC U34V5C/BK Monitor
- Monitor Stand (Base and Neck)
- Power Cable
- HDMI Cable
- DisplayPort Cable
- USB-C Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

The AOC U34V5C/BK monitor features a 34-inch VA panel with WQHD resolution, USB-C connectivity with 65W Power Delivery, and a 100Hz refresh rate with AMD FreeSync support.



Figure 4.1: Front view of the AOC U34V5C/BK monitor highlighting its 34-inch VA panel, USB-C port with 65W Power Delivery, 100Hz refresh rate, and AMD FreeSync technology.

4.1 Monitor Components

Familiarize yourself with the various parts of your monitor:

- **Front Panel:** Display screen, OSD control buttons (usually located on the bottom right bezel).
- **Rear Panel:** Power input, video input ports (HDMI, DisplayPort, USB-C), USB hub ports, security lock slot.
- **Stand:** Provides stable support and allows for height, tilt, and swivel adjustments.



Figure 4.2: Rear view of the AOC U34V5C/BK monitor, showing the VESA mount compatibility and the stand attachment point.



Figure 4.3: Bottom view of the AOC U34V5C/BK monitor, detailing the power input, DisplayPort, HDMI, USB-C, and USB-A hub ports.

5. SETUP

5.1 Assembling the Stand

1. Carefully place the monitor face down on a soft, clean cloth to prevent scratches.
2. Attach the stand neck to the back of the monitor until it clicks into place or is secured with screws (if applicable).
3. Attach the stand base to the stand neck and tighten the captive screw at the bottom of the base.
4. Carefully lift the monitor and place it on a stable desk.

5.2 Connecting the Monitor

Ensure your computer and monitor are powered off before making any connections.

1. **Power Connection:** Connect the power cable to the monitor's power input and then to a grounded electrical outlet.
2. **Video Connection:** Choose one of the following options:
 - **HDMI:** Connect one end of the HDMI cable to your computer's HDMI output and the other end to an

- HDMI input on the monitor.
- **DisplayPort:** Connect one end of the DisplayPort cable to your computer's DisplayPort output and the other end to the DisplayPort input on the monitor.
- **USB-C:** Connect one end of the USB-C cable to your computer's USB-C port (which supports video output) and the other end to the USB-C input on the monitor. This connection can also provide power delivery and USB data transfer.

3. **USB Hub Connection (Optional):** If using the monitor's USB hub, connect a USB upstream cable (USB-C to USB-A or USB-C to USB-C, depending on your computer) from your computer to the monitor's USB upstream port. This enables the monitor's USB-A ports for peripherals.

6. OPERATING THE MONITOR

6.1 Power On/Off

Press the power button, usually located on the bottom right bezel, to turn the monitor on or off. The power indicator light will illuminate when the monitor is on.

6.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the control buttons (joystick or individual buttons) on the monitor's bezel to navigate the menu.

1. Press the Menu button (or push the joystick) to open the OSD menu.
2. Use the navigation buttons (or joystick) to move through the menu options.
3. Press the Select button (or push the joystick) to enter a sub-menu or confirm a selection.
4. Use the Exit button (or move the joystick left) to go back to the previous menu or exit the OSD.

6.3 Common OSD Settings

- **Luminance:** Adjust brightness, contrast, and gamma.
- **Image Setup:** Fine-tune image quality, sharpness, and pixel clock.
- **Color Setup:** Select color temperature, sRGB mode, or user-defined color settings.
- **Picture Boost:** Enhance specific areas of the screen.
- **OSD Setup:** Adjust OSD language, position, and transparency.
- **Game Setting:** Enable/disable FreeSync, adjust overdrive, and game modes.
- **Extra:** Select input source, reset settings, view information.

7. MAINTENANCE

7.1 Cleaning the Monitor

- Always unplug the monitor before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not use alcohol, ammonia, or abrasive cleaners, as they may damage the screen or casing.
- Wipe the screen gently. Do not apply excessive pressure.

7.2 General Care

- Avoid placing heavy objects on the monitor or its cables.
- Keep the monitor away from direct sunlight, heat sources, and extreme temperatures.
- Do not expose the monitor to strong vibrations or impacts.

8. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on screen	Monitor not powered on; Incorrect input source; Loose video cable	Press power button; Select correct input via OSD; Reconnect video cable securely
Image too dark/bright	Brightness/Contrast settings incorrect	Adjust Brightness and Contrast in OSD menu
Flickering image	Incorrect refresh rate; Faulty cable	Set refresh rate to 100Hz in display settings; Try a different video cable
USB ports not working	USB upstream cable not connected	Connect the USB-C upstream cable from the monitor to your computer

If the problem persists after trying these solutions, contact AOC customer support.

9. SPECIFICATIONS

Below are the technical specifications for the AOC U34V5C/BK monitor:

Produktdatenblatt

DELEGIERTE VERORDNUNG (EU) 2019/2013 DER KOMMISSION zur
Energieverbrauchskennzeichnung von elektronischen Displays

Parameter	Parameter oder Wert und Genauigkeit	Einheit
1. Name oder Warenzeichen des Lieferanten	AOC	
2. Modellkennung	U34V5C/BK	
3. Energieeffizienzklasse bei Standard-Dynamikumfang (SDR)	G	
4. Leistungsaufnahme im Ein-Zustand bei SDR	34,0	W
5. Energieeffizienzklasse bei hohem Dynamikumfang (HDR)	G	
6. Leistungsaufnahme im Ein-Zustand bei hohem Dynamikumfang (HDR), falls vorhanden	35,0	W
7. Leistungsaufnahme im Aus-Zustand, falls zutreffend	0,3	W
8. Leistungsaufnahme im Bereitschaftszustand, falls zutreffend	0,5	W
9. Leistungsaufnahme im vernetzten Bereitschaftsbetrieb, falls zutreffend	Nicht zutreffend	W
10. Art des elektronischen Displays	Monitor	
11. Seitenverhältnis	21 : 9	
12. Bildschirmauflösung	3 440 x 1 440 pixels	
13. Bildschirmdiagonale	86,3 cm	
14. Bildschirmdiagonale	34 Zoll	
15. Sichtbare Bildschirmfläche	26,9 dm ²	
16. Verwendungsfrequenz	60-144 Hz	

		LED	LCD	
16.	verwendete Panel-Technologie			
17.	Automatische Helligkeitsregelung (ABC) vorhanden		Nein	
18.	Spracherkennungssensor vorhanden		Nein	
19.	Anwesenheitssensor vorhanden		Nein	
20.	Bildwiederholfrequenz (Standard)	60	Hz	
21.	Mindestens garantierte Software- und Firmware-Aktualisierungen (ab dem Datum der Beendigung des Inverkehrbringens)		8	Jahre
22.	Mindestens garantierte Verfügbarkeit von Ersatzteilen (ab dem Datum der Beendigung des Inverkehrbringens)		7	Jahre
23.	Mindestens garantierte Produktunterstützung		8	Jahre
	Mindestlaufzeit der vom Lieferanten angebotenen allgemeinen Garantie		3	Jahre
24.	Art der Stromversorgung (Netzteil)	Intern		
25.	Externes Netzteil (nicht genormt, in der Verkaufsverpackung enthalten)			
	i -			

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	ii	Eingangsspannung	-	V
	iii	Ausgangsspannung	-	V
26.	Genormtes externes Netzteil (oder geeignetes Netzteil, falls nicht in der Verkaufsverpackung enthalten)			
	i	-		
	ii	Benötigte Ausgangsspannung	-	V
	iii	Benötigte (Mindest-)Stromstärke	-	A
	iv	Benötigte Stromfrequenz	-	Hz

Figure 9.1: Product Information Sheet for AOC U34V5C/BK, detailing energy efficiency and technical parameters.

Parameter	Value
Brand	AOC
Model	U34V5C/BK
Screen Size	34 Inches (86.4 cm)
Resolution	3440 x 1440 WQHD
Aspect Ratio	21:9
Response Time	4 Milliseconds
Refresh Rate	100 Hz (default 60 Hz)
Panel Technology	VA Panel, LED LCD
Viewing Angle	178 Degrees (Horizontal/Vertical)
Hardware Interface	DisplayPort, HDMI, USB-C

Parameter	Value
Total USB Ports	4 (USB Hub)
Power Delivery (USB-C)	65W
Voltage	5 Volts (Internal Power Supply)
Product Dimensions	50 x 25 x 40 cm; 7 kg
Energy Efficiency Class (SDR)	G
Power Consumption (SDR)	34.0 W
Energy Efficiency Class (HDR)	G
Power Consumption (HDR)	35.0 W
Standby Power	0.5 W
Minimum guaranteed software/firmware updates	8 Years
Minimum guaranteed spare parts availability	7 Years
Minimum guaranteed product support	8 Years

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2013 with regard to energy labelling of electronic displays

	Parameter	Parameter or value and precision			Unit
1.	Supplier's name or trademark.	AOC			
	Supplier's address.	Product Department, Prins Berhardplein 200 1097, JB Amsterdam, NL			
2.	Model identifier	U34V5C/BK			
3.	Energy Efficiency Class for Standard Dynamic Range (SDR)	G			
4.	On mode power demand in SDR	34,0			W
5.	Energy Efficiency Class for High Dynamic Range (HDR)	G			
6.	On mode power demand in HDR, if implemented	35,0			W
7.	Off mode, power demand, if applicable	0,3			W
8.	Standby mode power demand, if applicable	0,5			W
9.	Networked standby mode power demand, if applicable	n.a.			W
10.	Electronic display category	Monitor			
11.	Size ratio	21	:	9	
12.	Screen resolution	3 440	x	1 440	pixels
13.	Screen diagonal	86,3			cm
14.	Screen diagonal	34			inches
15.	Visible screen area	26,9			dm ²
16.	Panel technology used	LED LCD			
17.	Automatic Brightness Control (ABC) available	No			
18.	Value -----	-----			-----

18.	voice recognition sensor available	NO	
19.	Room presence sensor available	No	
20.	Image refresh frequency rate (default)	60	Hz
21.	Minimum guaranteed availability of software and firmware updates (from the date of end of the placement on the market)	8	Years
22.	Minimum guaranteed availability of spare parts (from the date of end of the placement on the market)	7	Years
23.	Minimum guaranteed product support	8	Years
	Minimum duration of the general guarantee offered by the supplier	3	Years
24.	Power supply type	Internal	
25.	External power supply (non standardized and included in the product box)		
<i>i</i>	-		
<i>ii</i>	Input voltage	-	V

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<i>iii</i>	Output voltage	-	V
26.	External standardised power supply (or suitable one if not included in the product box)		
<i>i</i>	-		
<i>ii</i>	Required output voltage	-	V
<i>iii</i>	Required delivered current (minimum)	-	A
<i>iv</i>	Required current frequency	-	Hz

Figure 9.2: Energy Label for AOC U34V5C/BK. For more details, visit the [EPREL database](#).

10. WARRANTY AND SUPPORT

The AOC U34V5C/BK monitor comes with a minimum guaranteed general warranty of **3 years** provided by the supplier.

For technical support, warranty claims, or service inquiries, please visit the official AOC website or contact your local AOC customer service center. Ensure you have your monitor's model number (U34V5C/BK) and serial number ready when contacting support.