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> TITAN ARMY 34-inch Curved Gaming Monitor C34A1R User Manual

TITAN ARMY C34A1R

TITAN ARMY C34A1R 34-inch Curved Gaming Monitor User Manual

Model: C34A1R

1. INTRODUCTION

Thank you for choosing the TITAN ARMY C34A1R 34-inch Curved Gaming Monitor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your monitor. Please read this manual thoroughly before using the product to ensure proper and safe operation.



Figure 1.1: TITAN ARMY C34A1R Monitor Overview

This image displays the TITAN ARMY C34A1R 34-inch curved gaming monitor from the front, showcasing its ultrawide display and sleek design. Key features like HDR400, 3K WQHD, 99% sRGB, and 1500R curvature are highlighted on the screen.

2. PACKAGE CONTENTS

Before proceeding with the setup, please verify that all components are present in the package:

- TITAN ARMY C34A1R Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Cable
- HDMI Cable
- DisplayPort Cable
- User Manual (this document)
- Mounting Screws (for stand and VESA mount)

3. SETUP

3.1 Assembling the Stand

1. Carefully remove the monitor from its packaging, placing it face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor using the provided screws. Ensure it is securely fastened.
3. Connect the stand base to the stand neck and tighten the thumb screw or screws at the bottom of the base.
4. Carefully lift the assembled monitor and place it on a stable, flat surface.

3.2 Connecting the Monitor

The C34A1R monitor offers multiple connectivity options. Ensure your computer or device is turned off before making connections.

- **Power Connection:** Connect the power adapter to the monitor's power input port, then plug the power cable into a wall outlet.
- **Video Connection:**
 - **DisplayPort (Recommended for 165Hz):** Connect one end of the DisplayPort cable to your computer's graphics card and the other end to the monitor's DisplayPort input.
 - **HDMI:** Connect one end of the HDMI cable to your computer's HDMI output and the other end to one of the monitor's HDMI input ports.
- **Audio Output:** If desired, connect external speakers or headphones to the monitor's 3.5mm audio output jack.

3.3 Adjusting the Monitor Position

The C34A1R monitor features an adjustable stand for optimal viewing comfort. You can adjust the height, tilt, and swivel.

- **Tilt:** Adjust the screen tilt from -5° to 15° for comfortable viewing angles.
- **Swivel:** Swivel the monitor horizontally up to 40° ($\pm 2^{\circ}$) to share your screen or adjust your viewing position.
- **Height Adjustment:** The stand allows for vertical height adjustment to align the screen with your eye level.

Höhenverstellbarer Ständer Wand Montage Unterstützt

Tilt: -5° - 15°

Swivel: $40^{\circ} \pm 2^{\circ}$

VESA: 100x100mm



Figure 3.1: Adjustable Stand and VESA Mounting

This image illustrates the adjustable features of the monitor stand, including tilt (-5° to 15°) and swivel ($40^{\circ} \pm 2^{\circ}$). It also highlights the 100x100mm VESA mounting compatibility, allowing for wall mounting or use with alternative monitor arms.

3.4 VESA Mounting

The monitor supports VESA 100x100mm mounting, allowing you to attach it to a wall mount or an articulating arm (sold separately). Ensure you use appropriate VESA screws (M4 x 10mm recommended, or as per your mount's instructions) and follow the mounting bracket's instructions carefully.

4. OPERATING THE MONITOR

4.1 Power On/Off

Press the power button located on the monitor to turn it on or off. The power indicator light will illuminate when the monitor is active.

4.2 On-Screen Display (OSD) Menu

The OSD menu allows you to configure various monitor settings. Use the joystick or buttons (depending on your model's design) located on the back or bottom of the monitor to navigate the OSD.

- **Joystick/Buttons:**
 - Press the joystick/center button to open the OSD menu.
 - Move the joystick Up/Down/Left/Right to navigate through menu options.
 - Press the joystick/center button again to select an option or confirm a setting.
 - Move the joystick Left (or specific button) to go back to the previous menu or exit the OSD.

4.3 Display Settings

Optimize your viewing experience by adjusting the following settings:

- **Resolution:** The monitor supports a maximum resolution of 3440x1440 (WQHD). Ensure your graphics card is set to this resolution for optimal clarity.
- **Refresh Rate:** The C34A1R supports a high refresh rate of 165Hz for smoother motion. Verify your system's display settings are configured to 165Hz.
- **Response Time:** With a 1ms MPRT response time, the monitor minimizes motion blur. This setting is typically pre-configured for optimal performance.
- **Brightness/Contrast:** Adjust these settings to suit your environment and personal preference.
- **Color Settings:**
 - **sRGB:** The monitor covers 99% of the sRGB color gamut, providing accurate and vibrant colors.
 - **HDR400:** Enable HDR (High Dynamic Range) for enhanced contrast and color depth in compatible content. The monitor supports HDR Auto, HDR Gaming, and HDR Movie modes.
- **Adaptive Sync (FreeSync & G-Sync Compatible):** This technology synchronizes the monitor's refresh rate with your graphics card's frame rate, eliminating screen tearing and stuttering for a smoother gaming experience. Ensure it is enabled in both the monitor OSD and your graphics card control panel.

165Hz hohe Bildwiederholfrequenz

Eliminiert Stottern für flüssige Kämpfe.

165Hz



165Hz

High Refresh Rate

1ms MPRT

Ultra-Fast Response

165Hz

60Hz



Figure 4.1: High Refresh Rate and Fast Response Time

This image highlights the monitor's 165Hz high refresh rate and 1ms MPRT (Moving Picture Response Time), which contribute to fluid and clear visuals, especially in fast-paced gaming scenarios, by eliminating stutter and ghosting.

99% sRGB

Satte Farben, wahrhaft lebensechte Farben.


Das native 8-Bit-Panel mit 99 % sRGB-Abdeckung verbessert die Farbleistung für eine sattere und genauere Anzeige.

 sRGB Coverage(CIE1931)

99%

 Color Depth

8Bit

 Colors

16.7 Million Colors

Figure 4.2: Wide Color Gamut

This image illustrates the monitor's 99% sRGB color coverage and 8-bit color depth, allowing for 16.7 million colors. This ensures rich, accurate, and true-to-life color reproduction for an immersive visual experience.

HDR400

Ausgeprägte Beleuchtung und Schatten
Authentische Wiederherstellung



Figure 4.3: HDR400 Dynamic Range

This image demonstrates the benefits of HDR400 support, showcasing enhanced lighting and shadows for authentic restoration of images. It highlights different HDR modes: HDR Auto, HDR Gaming, and HDR Movie, which intensify contrast for deeper blacks and brighter whites.

4.4 Game+ Assist OSD Features

The C34A1R includes several Game+ Assist features accessible via the OSD to enhance your gaming experience:

- **Reticle:** Display an on-screen crosshair for improved aiming accuracy in games. Multiple styles and colors are available, with dynamic color changes based on the central screen area.
- **Refresh Rate Display:** Monitor the real-time refresh rate of your monitor.
- **Stopwatch:** Start a timer for easy tracking of game durations.
- **Game Timer:** Set a countdown for convenient tracking of game durations.
- **Splicing Assistance:** Assists dual-screen players in quickly aligning their screens.
- **Hawk-Eye:** Magnifies the central area of the screen without obstructing the view, supporting Eagle Eye Night Vision mode for clear visibility in dark scenes.

- **Night Vision Mode:** Intelligently detects scene luminosity in real-time and dynamically adjusts dark and bright details, ensuring bright areas are not overexposed and dark areas are clarified. This improves overall game image and helps spot hidden enemies.
- **Super Resolution:** Intelligently enhances image clarity, making details sharper and more defined.

GAME+ Assist OSD Nouvelle fonction

Réticule

Plusieurs styles et couleurs disponibles. Prend en charge le réticule AI, dont la couleur change dynamiquement en fonction de la zone centrale de l'écran, ce qui vous permet de voir clairement votre objectif dans des scènes de jeu complexes et changeantes.

(Le réticule de jeu, le chronomètre de jeu et le taux de rafraîchissement peuvent être affichés simultanément).

<h3>Refresh Rate</h3>  <p>Allows players to monitor the fluctuations in the monitor's refresh rate at all times</p>	<h3>Stopwatch</h3>  <p>Starts timing for easy tracking of game durations</p>	<h3>Game Timer</h3>  <p>Starts a countdown for convenient tracking of game durations</p>	<h3>Splicing Assistance</h3>  <p>Assists dual-screen players in quickly aligning their screens</p>	<h3>Hawk-Eye</h3>  <p>Magnifies the central area of the screen and displays it in any corner, without obstructing the view. Supports Eagle Eye Night Vision mode for clear visibility in dark scenes.</p>
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Figure 4.4: Game+ Assist OSD Functions

This image details the Game+ Assist OSD features, including Réticule (crosshair), Refresh Rate display, Stopwatch, Game Timer, Splicing Assistance, and Hawk-Eye. These tools are designed to provide competitive advantages and convenience during gameplay.

► Mode vision nocturne

Détecte intelligemment la luminosité des scènes de jeu en temps réel et ajuste dynamiquement les détails clairs et sombres, de sorte que les zones lumineuses ne soient pas surexposées et que les zones sombres soient dynamiquement clarifiées. Les zones claires ne sont pas surexposées, tandis que les zones sombres sont dynamiquement clarifiées. Cela améliore l'ensemble des images du jeu et vous permet de repérer rapidement les ennemis cachés dans l'ombre.

Night Vision Mode OFF



Night Vision Mode Level 2



Figure 4.5: Night Vision Mode Comparison

This image compares Night Vision Mode OFF with Night Vision Mode Level 2, demonstrating how the feature intelligently adjusts dark and bright areas in real-time to clarify details and prevent overexposure, making hidden enemies more visible in dark game scenes.

► Super Résolution

Améliore intelligemment la clarté de l'image

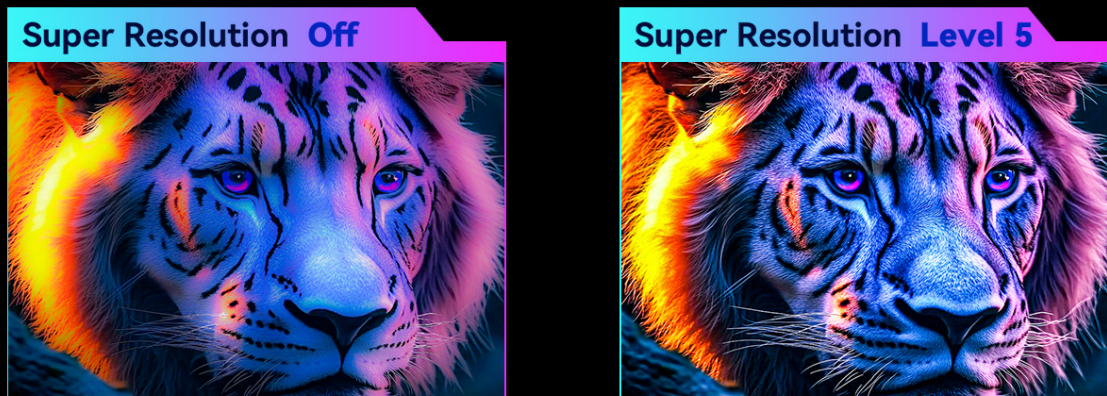


Figure 4.6: Super Resolution Comparison

This image shows a comparison between Super Resolution Off and Super Resolution Level 5, illustrating how the feature intelligently enhances image clarity, making visuals sharper and more detailed.

4.5 Preset Scenario Modes

The monitor offers various preset modes optimized for different usage scenarios:

- **Film:** Optimized for movie viewing.
- **Reading:** Reduces blue light for comfortable reading.
- **FPS (First-Person Shooter):** Enhances visibility in FPS games.
- **RTS/RPG (Real-Time Strategy/Role-Playing Game):** Optimized for strategy and role-playing games.
- **MOBA (Multiplayer Online Battle Arena):** Tailored for MOBA games.
- **E-Book:** Similar to Reading mode, designed for extended text viewing.
- **Mac View:** Optimized for macOS environments.
- And more.

These modes allow for targeted adjustments to optimize the monitor for different uses and save all settings independently. You can switch to the desired game mode with a single click.

5. MAINTENANCE

5.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using benzene, thinner, ammonia, or abrasive cleaners, as they can damage the monitor's surface.

5.2 General Care

- Avoid placing the monitor in direct sunlight or near heat sources.
- Do not block the ventilation openings on the monitor.
- Keep the monitor away from excessive dust, humidity, and extreme temperatures.
- Do not place heavy objects on the monitor or its cables.

6. TROUBLESHOOTING

If you encounter issues with your monitor, please refer to the following common troubleshooting steps before contacting support.

Problem	Possible Cause	Solution
No image on screen	Monitor not powered on; Video cable loose or disconnected; Incorrect input source selected.	Ensure power cable is securely connected and monitor is turned on. Check video cable connections (HDMI/DisplayPort) at both ends. Press the input source button on the monitor to select the correct input.
Image flickering or unstable	Loose video cable; Incorrect refresh rate; Graphics card driver issues.	Reseat the video cable. Check your computer's display settings and ensure the refresh rate is set to 165Hz. Update your graphics card drivers.
Colors appear incorrect or washed out	Color settings misconfigured; HDR not enabled for HDR content.	Reset color settings in the OSD menu to default. Ensure HDR is enabled in both monitor OSD and Windows/game settings for HDR content.
"No Signal" message	No active video input; Computer is in sleep mode.	Verify the computer is powered on and not in sleep mode. Check video cable connections. Select the correct input source on the monitor.
Adaptive Sync (FreeSync/G-Sync) not working	Feature not enabled; Incompatible graphics card/driver.	Ensure Adaptive Sync is enabled in the monitor's OSD and in your graphics card's control panel (AMD Radeon Software or NVIDIA Control Panel). Ensure your graphics card and drivers support the feature.

If the problem persists after trying these steps, please contact TITAN ARMY customer support for further assistance.

7. SPECIFICATIONS

Below are the detailed technical specifications for the TITAN ARMY C34A1R monitor:

Feature	Specification
Model Name	C34A1R
Screen Size	34 inches
Panel Type	VA
Curvature	1500R
Aspect Ratio	21:9
Maximum Resolution	3440 x 1440 (WQHD)
Refresh Rate	165Hz
Response Time	1ms (MPRT)
Brightness (Typical)	350 nits

Feature	Specification
Static Contrast Ratio	4000:1
Color Gamut	99% sRGB (CIE1931), 90% DCI-P3 (1976), 89% Adobe RGB (1976)
Display Colors	16.7 Million (8-bit)
HDR Support	HDR400
Viewing Angle	≥178°(H)/≥178°(V)
Video Interfaces	2x HDMI 2.1, 2x DisplayPort 1.4
Audio Output	1x Audio out (3.5mm jack)
VESA Mount Compatibility	100x100mm
Power Consumption	DC 19V, 3.42A, 70W MAX
Dimensions (L x W x H)	81 x 22.5 x 44.8 cm (with stand)



Figure 7.1: Monitor Dimensions and Key Specifications

This image provides a visual representation of the monitor's dimensions and a summary table of its key specifications, including model, screen size, aspect ratio, panel type, curvature, resolution, brightness, contrast, color gamut, display colors, and audio/video interfaces.

8. WARRANTY AND SUPPORT

The TITAN ARMY C34A1R monitor comes with a manufacturer's warranty. Please refer to your purchase documentation for specific warranty terms and conditions.

- **Manufacturer Warranty:** 2 years (as per product specifications).
- **Return Policy:** 30 days for refund/replacement (as per Amazon's buybox winner information).

For technical support, warranty claims, or any product-related inquiries, please contact TITAN ARMY customer service through their official website or the retailer where you purchased the monitor.

You can also visit the official TITAN ARMY store on Amazon for more information: [TITAN ARMY Amazon Store](#)

