Stealth Cam FC-CR1_K1486

Stealth Cam STC-VL22 Trail Camera User Manual

Model: STC-VL22 (FC-CR1_K1486)

1. Introduction

Thank you for choosing the Stealth Cam STC-VL22 Trail Camera. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance. The STC-VL22 is designed for wildlife surveillance and outdoor monitoring, featuring 22MP image capture, 720p video recording, motion detection, and night vision capabilities. This bundle also includes a high-speed card reader for convenient data transfer.

2. Setup

2.1. Battery Installation

The STC-VL22 camera operates on 8 AA batteries. For best performance and extended battery life, use high-quality alkaline or lithium batteries.

1. Open the camera housing latch located on the side of the unit.
2. Carefully open the battery compartment door.
3. Insert 8 AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment door securely and then close the main camera housing latch.

Image: The Stealth Cam STC-VL22 with its side panel open, revealing the battery compartment and SD card slot. Ensure batteries are inserted with correct polarity.

2.2. SD Card Insertion

A compatible SD card (not included, but a card reader is provided in the bundle) is required to store images and videos. The camera supports standard SD cards.

1. With the camera housing open, locate the SD card slot.
2. Insert the SD card into the slot with the label facing up until it clicks into place.
3. To remove, push the card in gently until it springs out.

2.3. Initial Power On and Basic Settings

After installing batteries and an SD card, you can power on the camera and configure basic settings.

1. With the camera housing open, locate the power switch and turn the camera ON.
2. The internal display will activate. Use the MENU, DOWN, UP, and ENTER buttons to navigate and select options.
3. It is recommended to format the SD card upon first use. Navigate to the 'Format SD' option in the menu and confirm.
4. Set the current date and time to ensure accurate timestamps on your captured media.

Image: The Stealth Cam STC-VL22 with its front panel open, showing the LCD screen and control buttons (MENU, DOWN, UP, ENTER) for configuration.

2.4. Mounting the Camera

The STC-VL22 features an integrated Python latch for secure mounting.

1. Choose a suitable location, such as a tree or post, that provides a clear view of the area you wish to monitor.
2. Secure the camera using a mounting strap (not included) through the designated slots on the back of the camera, or utilize the Python latch for a cable lock system.
3. Ensure the camera is stable and pointed correctly. Adjust the angle as needed.

Image: The rear view of the Stealth Cam STC-VL22, highlighting the mounting slots and the integrated Python latch for secure attachment to a tree or post.

3. Operating the Camera

3.1. Menu Navigation

Use the control buttons to navigate the camera's menu system:

- **MENU:** Enters or exits the menu, or goes back to the previous screen.
- **DOWN/UP:** Scrolls through menu options or adjusts settings.
- **ENTER:** Confirms a selection or enters a sub-menu.

3.2. Image and Video Settings

Configure the camera to capture images or videos according to your needs.

- **Resolution:** Select image resolution up to 22MP. Video resolution is 720p at 30 frames per second (FPS).
- **Trigger Speed:** The camera features a fast 0.8-second trigger speed to capture fast-moving subjects.
- **Burst Mode:** Set the camera to take 1 to 3 images per trigger event.
- **Detection Range:** The camera has an 80-foot detection and IR (Infrared) range for effective monitoring.
- **Recovery Time:** Adjust the delay between consecutive captures after a trigger event.

3.3. Night Vision

The STC-VL22 is equipped with infrared LEDs for night vision, allowing it to capture clear images and videos in low-light or no-light conditions without disturbing wildlife.

- Night vision activates automatically when ambient light levels are low.
- Images and videos captured in night vision mode will be in black and white.

3.4. Using the Card Reader

The included high-speed card reader allows you to easily transfer files from your SD card to a computer or other device.

1. Remove the SD card from the camera.
2. Insert the SD card into the appropriate slot on the card reader.
3. Connect the card reader to your computer's USB port.
4. Access the files on the SD card through your computer's file explorer.

Image: A high-speed USB card reader, designed to accept SD cards for transferring captured media to a computer.

4. Maintenance

4.1. Battery Replacement

Replace batteries when the low battery indicator appears on the display or when performance degrades. Always replace all 8 AA batteries at once with new ones to ensure consistent power.

4.2. SD Card Management

- Regularly check the available space on your SD card.
- Format the SD card periodically (e.g., once a month or after each significant use) to maintain optimal performance and prevent data corruption. Remember to back up all important files before formatting.

4.3. Cleaning

- Wipe the camera's exterior with a soft, damp cloth to remove dirt and debris.
- Gently clean the camera lens and IR sensors with a lens cleaning cloth to ensure clear image quality. Avoid abrasive materials.
- Ensure the battery compartment and SD card slot are free from moisture and debris.

4.4. Environmental Care

While designed for outdoor use, protect the camera from extreme weather conditions when possible. Ensure all latches are securely closed to maintain water resistance.

5. Troubleshooting

Problem	Possible Cause	Solution
Camera not powering on	Dead or incorrectly installed batteries.	Replace all 8 AA batteries with new ones, ensuring correct polarity.
Poor image/video quality	Dirty lens, low light, incorrect settings.	Clean the lens. Check light conditions. Adjust resolution settings. Ensure night vision is active in low light.
Camera not detecting motion	PIR sensor blocked, incorrect sensitivity settings, subject out of range.	Ensure no obstructions in front of the PIR sensor. Adjust motion sensitivity in settings. Verify subject is within the 80-foot detection range.
SD card error	Corrupted card, incompatible card, full card.	Format the SD card (back up data first). Try a different, compatible SD card. Delete old files to free up space.
Difficulty with custom programming	Complex menu options.	Refer to the 'Operating the Camera' section for detailed menu navigation. Proceed step-by-step and confirm each setting.
Short battery life	Frequent triggers, cold weather, low-quality batteries.	Reduce trigger frequency if possible. Use high-quality lithium batteries in cold environments.

6. Specifications

Feature	Detail
Model Number	FC-CR1_K1486 (STC-VL22)
Image Resolution	Up to 22 Megapixels
Video Resolution	720p at 30 FPS
Trigger Speed	0.8 seconds
Burst Mode	1-3 images per trigger
Detection Range	80 feet
IR Range	80 feet
Special Features	Motion Sensor, Night Vision
Power Source	8 AA Batteries (required)
Dimensions (Product)	23.11 x 23.11 x 23.11 cm (9.1 x 9.1 x 9.1 inches)
Weight (Product)	938.94 g (939 g)
Manufacturer	Stealth Cam

7. Warranty and Support

7.1. Warranty Information

For detailed warranty information regarding your Stealth Cam STC-VL22 Trail Camera, please refer to the warranty card included with your product or visit the official Stealth Cam website. Warranty terms and conditions may vary.

7.2. Customer Support

If you encounter any issues not covered in this manual or require further assistance, please contact Stealth Cam customer support through their official website or the contact information provided in your product packaging.