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Coolife PH700A

Coolife PH700A Wildlife Camera User Manual

Model: PH700A

Introduction

The Coolife PH700A Wildlife Camera is designed for capturing high-quality images and videos of wildlife in their natural habitat. Featuring a 28MP camera and 1520P/2.7K HD video recording, it provides clear and detailed footage. Its no-glow 940nm IR LEDs ensure discreet night vision, while the 0.2s trigger speed captures fast-moving subjects. With IP66 waterproofing, this camera is built to withstand various environmental conditions, making it ideal for outdoor observation.
This manual provides comprehensive instructions for setting up, operating, and maintaining your Coolife PH700A Wildlife Camera to ensure optimal performance and longevity.

Key Features

- **High Resolution Imaging:** Captures crisp 28MP still images and records 1520P/2.7K HD video with clear audio.
- **Fast Trigger Speed:** Activates in just 0.2 seconds to ensure no moment is missed.
- **No-Glow Night Vision:** Equipped with 27 pieces of 940nm Infrared LEDs for discreet night recording up to 65ft/20m without disturbing wildlife.
- **Wide Sensing Angle:** Features a 90° coverage angle for extensive monitoring.
- **Durable and Weatherproof:** IP66 rated for high resistance to water and dust, suitable for harsh environments from -20°C to 60°C.
- **Multi-functional:** Includes features like Shot Lag, Target Recording Time, Time Lapse, Endless Capture, Audio Recording, and Password Protection.

Package Contents

Upon opening your Coolife PH700A Wildlife Camera package, please verify that all the following items are included:

- Coolife PH700A Wildlife Camera
- 32GB SD Card
- Mounting Strap
- Mounting Bracket
- Screws and Wall Plugs
- USB Cable
- AV Cable

- User Manual (this document)



Figure 1: Contents of the Coolife PH700A Wildlife Camera package, including the camera, SD card, mounting accessories, and cables.

Setup Guide

1. Battery Installation

The Coolife PH700A requires 8 AA alkaline batteries (not included). For optimal performance and longevity, it is recommended to use high-performance alkaline batteries. Do not mix old and new batteries, or different types of batteries.

1. Open the camera casing by unlatching the side clips.
2. Locate the battery compartment.
3. Insert 8 AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment securely.

2. SD Card Installation and Formatting

A 32GB SD card is included with your camera. Before first use, it is advisable to format the memory card to enhance compatibility and ensure proper function.

1. With the camera open, locate the SD card slot, typically near the display screen.
2. Insert the 32GB SD card into the slot until it clicks into place. Ensure the card is inserted in the correct orientation.
3. To format the SD card:
    - Switch the camera to "TEST" mode.
    - Navigate to the "Format" option in the camera's menu settings.
    - Confirm the formatting process. This will erase all data on the card.



Figure 2: The Coolife PH700A Wildlife Camera, showing the general appearance and indicating the presence of an SD card.

3. Mounting the Camera

The camera can be mounted using the provided strap or the wall mount bracket.

- **Strap Mounting:** Thread the mounting strap through the slots on the back of the camera and secure it around a tree or pole.
- **Wall Mount:** Use the provided screws and wall plugs to attach the mounting bracket to a flat surface. Then, attach the camera to the bracket.



Figure 3: The Coolife PH700A Wildlife Camera securely mounted on a tree, demonstrating its outdoor application.

Operating the Camera

Operating Modes

The camera features three primary operating modes: Photo, Video, and Photo+Video. You can select your desired mode via the menu settings in "TEST" mode.

- **Photo Mode:** Captures still images when motion is detected.
- **Video Mode:** Records video clips when motion is detected.
- **Photo + Video Mode:** Captures a still image followed by a video clip upon motion detection.

Switching On and Standby

After setting up the camera in "TEST" mode, switch it to "ON" mode. The screen will display a 15-second countdown. After the countdown, the LEDs and screen will turn off, and the camera will enter standby mode, ready to detect motion and record.



Figure 4: The Coolife PH700A Wildlife Camera demonstrating its no-glow night vision capabilities, showing animals in a dark environment.



Figure 5: Illustration of the Coolife PH700A Wildlife Camera's wide 90-degree sensing angle, capturing a broad area for motion detection.



Figure 6: Comparison illustrating the Coolife PH700A Wildlife Camera's fast 0.2-second trigger speed compared to slower alternatives, showing a fox in motion.



Figure 7: Visual representation of the Coolife PH700A Wildlife Camera's 28MP high-precision pixel capability, showing a detailed deer image.

Advanced Settings

Access the camera's menu in "TEST" mode to configure various settings:

- **Resolution:** Adjust image (up to 28MP) and video (up to 1520P/2.7K) resolution.
- **Trigger Speed:** Set the detection speed (default 0.2s).
- **PIR Sensitivity:** Configure the Passive Infrared sensor sensitivity for motion detection.
- **Shot Lag:** Define the delay between consecutive captures.
- **Target Recording Time:** Schedule specific times for the camera to be active.
- **Time Lapse:** Set the camera to capture images at predefined intervals.
- **Endless Capture:** Enable continuous recording, overwriting older files when the SD card is full.
- **Audio Recording:** Turn on/off audio capture for video recordings.
- **Password Protection:** Set a password to prevent unauthorized access.

- **Date, Time, Serial No.:** Configure timestamp and camera identification.
- **Temperature Detection:** Display ambient temperature on recordings.

Maintenance

- **Battery Care:** Replace all batteries simultaneously. Do not mix battery types or brands. Remove batteries if the camera will not be used for an extended period.
- **Cleaning:** Gently wipe the lens and PIR sensor with a soft, dry cloth to ensure clear images and accurate detection. Keep the camera body free from dirt and debris.
- **Waterproofing:** Ensure all latches and seals are properly closed before exposing the camera to rain or moisture to maintain its IP66 rating.
- **Storage:** Store the camera in a cool, dry place when not in use.

Troubleshooting

Problem	Possible Cause	Solution
Camera not powering on.	Low or incorrectly installed batteries.	Ensure batteries are new, high-performance alkaline, and inserted with correct polarity.
Poor image/video quality.	Dirty lens, incorrect settings, insufficient light.	Clean the lens. Adjust resolution settings. Ensure adequate lighting or proper night vision activation.
Camera not detecting motion.	Incorrect PIR sensitivity, obstructed sensor.	Adjust PIR sensitivity in settings. Clear any obstructions from the sensor's view.
Short battery life.	Frequent triggers, low-quality batteries.	Reduce trigger frequency or video length. Use high-performance alkaline batteries.
Video playback issues.	SD card corruption, incompatible player software.	Format the SD card regularly. Try different media players on your computer.

Specifications

Feature	Detail
Model Number	PH700A
Image Resolution	28MP
Video Resolution	1520P/2.7K HD
Trigger Speed	0.2s
Night Vision	940nm IR LEDs (No Glow), up to 65ft/20m
Water Resistance	IP66 Waterproof
Sensing Angle	90°
Display Size	2.4 Inches
Power Source	8x AA Batteries (not included)
Operating Temperature	-20°C to 60°C

Feature	Detail
Dimensions (L x W x H)	13.6 x 9.8 x 7.6 cm
Weight	500 g (with batteries)

Official Product Videos

Explore the capabilities of your Coolife Wildlife Camera with these official videos:

Coolife - The Guardian of the Nature

Your browser does not support the video tag.

This video provides a general overview of the Coolife brand's philosophy and connection to nature, showcasing the beauty of wildlife captured by their cameras.

Coolife wildlife camera PH700A

Your browser does not support the video tag.

A short demonstration video specifically featuring the Coolife PH700A model, highlighting its key functionalities and ease of use in a natural setting.

Coolife wildlife camera

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This video showcases various wildlife captured by Coolife cameras, demonstrating the quality of recordings in different environments and lighting conditions.

Warranty and Support

Coolife products are manufactured with high standards of quality and reliability. For any issues or inquiries regarding your PH700A Wildlife Camera, please refer to the manufacturer's official support channels or contact your retailer for assistance. Keep your purchase receipt for warranty claims.

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