

Wildgame Innovations EZ12I2-20

Wildgame Innovations Switch Camera EZ12I2-20 User Manual

Model: EZ12I2-20

INTRODUCTION

The Wildgame Innovations Switch Camera EZ12I2-20 is a user-friendly infrared trail camera designed for monitoring wildlife. It captures crisp 12-megapixel still images and 720p HD video, featuring 21 infrared LEDs for effective night vision up to 65 feet. Its simplified three-button interface allows for quick setup, automatically syncing date and time, and adjusting for daylight savings. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your Switch Camera.

PACKAGE CONTENTS

- Wildgame Innovations Switch Camera (EZ12I2-20)
- Adjustable Tree Strap

COMPONENTS AND PARTS IDENTIFICATION



Figure 1: Front view of the camera, highlighting the main lens and the array of 21 infrared LEDs for night illumination.



Figure 2: Angled view, illustrating the camera's compact design and durable brown casing.



Figure 3: Camera with the front cover open, displaying the simple three-button control panel, LCD screen, and the internal layout for battery and SD card insertion.

Key Components:

- **Main Lens:** Captures still images and video.
- **Infrared LEDs:** Provide illumination for night vision without a visible flash.
- **PIR Sensor:** Passive Infrared sensor detects motion to trigger recordings.
- **Control Panel:** Features three buttons (+, OK, Mode) and an LCD screen for settings adjustment.
- **Battery Compartment:** Houses 8 AA batteries (not included).
- **SD Card Slot:** Accepts Micro SD cards for storage (not included).
- **Mounting Strap Slots:** For securing the camera with the adjustable tree strap.

SETUP

1. Battery Installation

The Switch Camera requires 8 AA batteries for operation. Ensure batteries are inserted with correct polarity as indicated inside the compartment.

1. Open the camera's front cover.
2. Locate the battery compartment.
3. Insert 8 new AA batteries, matching the positive (+) and negative (-) terminals correctly.
4. Close the battery compartment securely.

2. SD Card Installation

A Micro SD card (up to 32GB, not included) is required to store images and videos.

1. With the camera open, locate the Micro SD card slot.
2. Insert the Micro SD card into the slot until it clicks into place. Ensure the card is oriented correctly.
3. To remove, push the card in slightly until it springs out.

3. Mounting the Camera

Use the included adjustable tree strap to secure the camera to a tree or post.

1. Thread the adjustable tree strap through the slots on the back of the camera.
2. Wrap the strap around the desired mounting location (e.g., tree trunk).
3. Pull the strap tight to secure the camera firmly. Ensure the camera is stable and pointed towards the desired monitoring area.

OPERATING THE CAMERA

The Switch Camera features a simplified three-button interface for easy operation.

Control Buttons:

- **MODE Button:** Cycles through different settings and modes (Capture Mode, Delay Setting, Time Zone).
- **+ Button:** Increases values or cycles through options.
- **OK Button:** Confirms selections and saves settings.

Basic Setup Steps:

1. **Power On:** After inserting batteries and SD card, the camera will power on automatically when the front cover is opened.
2. **Set Capture Mode:** Press the MODE button until 'MODE' is displayed. Use the + button to select between 'P' (Photo), 'V' (Video), or 'PV' (Photo + Video). Press OK to confirm.
3. **Set Delay Setting:** Press the MODE button until 'DELAY' is displayed. Use the + button to select the desired delay time (e.g., 5, 10, 15 seconds). This determines how long the camera waits before detecting motion again after a capture. Press OK to confirm.
4. **Set Time Zone:** Press the MODE button until 'ZONE' is displayed. Use the + button to select your local time zone. The camera automatically syncs date and time and adjusts for daylight savings. Press OK to confirm.
5. **Arming the Camera:** Once settings are configured, close the front cover. The camera will enter armed mode after a short countdown, indicated by a flashing light.

Image and Video Capture:

The camera will automatically capture images or videos based on the selected mode when motion is detected within its range (up to 65 feet).

- **Still Images:** Captured at 12-megapixel resolution.
- **Video:** Recorded in 720p HD resolution.

MAINTENANCE

Cleaning:

- Gently wipe the camera lens and PIR sensor with a soft, lint-free cloth to remove dirt, dust, or smudges.
- Do not use abrasive cleaners or solvents.

Battery Management:

- Regularly check battery levels, especially before extended deployments.
- Replace all 8 AA batteries simultaneously with new ones to ensure optimal performance.
- Remove batteries if the camera will be stored for a long period to prevent leakage.

Storage:

- Store the camera in a cool, dry place away from direct sunlight and extreme temperatures.
- Ensure the camera is clean and dry before storage.

TROUBLESHOOTING

Camera Not Powering On:

- Ensure all 8 AA batteries are new and inserted with correct polarity.
- Check that the battery compartment is fully closed and latched.

No Images/Videos Captured:

- Verify that an SD card is properly inserted and has sufficient free space.
- Check the selected capture mode (Photo, Video, Photo+Video).
- Ensure the camera is armed (front cover closed after setup).
- Confirm the PIR sensor is not obstructed and the camera is positioned correctly to detect motion.

Poor Image/Video Quality (Especially at Night):

- Clean the camera lens and infrared LED array.
- Ensure the subject is within the 65-foot illumination range.
- Check battery levels; low batteries can affect flash performance.

Difficulty Opening Camera/Battery Compartment:

- Apply firm, even pressure when opening latches. Avoid excessive force.
- Ensure no debris is lodged in the latch mechanism.

Excessive Battery Drain:

- Ensure you are using high-quality alkaline or lithium AA batteries.
- Check the delay setting; shorter delays result in more frequent captures and higher battery consumption.
- Consider the environment; extreme cold can reduce battery life.

SPECIFICATIONS

Feature	Specification
Model Name	EZ12I2-20 - SWITCH CAM 12MP IR
Effective Still Resolution	12 MP
Video Capture Resolution	720p HD
Illumination Type	21 Infrared LEDs
Illumination Range	65 Feet
Trigger Speed	<1 second
Power Source	8 AA Batteries (not included)
Flash Memory Type	Micro SD (up to 32GB)
Connectivity Technology	Infrared
International Protection Rating	IP54
Item Weight	1.2 Pounds (approx. 0.54 kg)
Color	Brown

WARRANTY AND SUPPORT

Warranty Information:

The Wildgame Innovations Switch Camera EZ12I2-20 comes with a **1-Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Wildgame Innovations customer support. Refer to the product packaging or the official Wildgame Innovations website for the most current contact information.