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NUM'AXES PIE1059

NUM'AXES PIE1059 Photographic Trap User Manual

MODEL: PIE1059 (NGPIEPHO025)

Introduction

Welcome to the user manual for your NUM'AXES PIE1059 Photographic Trap. This compact and easy-to-program trail camera is designed for outdoor security and wildlife monitoring, capturing high-quality photos and videos with its advanced motion detection and infrared capabilities. Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your device.

Product Overview

The NUM'AXES PIE1059 is a robust photographic trap built for outdoor environments. It features a sensitive PIR motion detector, invisible infrared LEDs for night vision, and multiple capture modes to suit various monitoring needs.



Figure 1: Front View of the PIE1059. This image displays the front of the NUM'AXES PIE1059 trail camera, showcasing its camouflage casing, the main lens, the passive infrared (PIR) motion sensor at the bottom, and the array of invisible infrared LEDs at the top for night illumination.



Figure 2: Inside View of the PIE1059. This image shows the camera with its front cover open, revealing the internal LCD screen for viewing and settings, along with the control buttons for navigation and programming the device.



Figure 3: PIE1059 Product Packaging. This image displays the retail packaging for the NUM'AXES PIE1059, highlighting key

features such as invisible LEDs, 60° detection, up to 32 MP photo resolution, and Full HD video capabilities.

Setup

1. **Battery Installation:** The PIE1059 requires 8 AA alkaline batteries (not included). Open the battery compartment located at the bottom of the camera. Insert the batteries, ensuring correct polarity (+/-).
2. **Micro SD Card Installation:** A micro SD card (4 GB to 32 GB, Class 10 minimum) is required (not included). Locate the SD card slot inside the camera. Insert the micro SD card until it clicks into place.
3. **Mounting:** The camera is designed for tree mounting. Use the included strap or a compatible mounting accessory to secure the camera firmly to a tree or pole. Ensure the camera is stable and pointed towards the desired monitoring area.
4. **Initial Power On:** Slide the power switch from 'OFF' to 'SET' to enter setup mode. The internal screen will activate, allowing you to configure settings.

Operating Instructions

Power Modes

- **OFF:** Camera is powered off.
- **SET:** Configuration mode. Use this mode to adjust settings, view captured media, and format the SD card.
- **ON:** Active monitoring mode. The camera will capture photos/videos based on your settings when motion is detected.

Menu Navigation

Use the control buttons (usually labeled MENU, UP, DOWN, LEFT, RIGHT, OK) to navigate through the settings menu on the internal screen. Press 'MENU' to access the main menu, use arrow keys to select options, and 'OK' to confirm.

PIR Detection Settings

- **Detection Angle:** 60°
- **Detection Distance:** Approximately 20 meters.
- **Sensitivity:** Adjustable (Low | Medium | High). Adjust based on environmental conditions to minimize false triggers.

Capture Modes

- **Photo:** Captures still images.
- **Video:** Records video clips.
- **Photo + Video:** Captures a photo followed by a video clip upon each trigger.

Photo Settings

- **Resolution:** Select from 3 MP, 5 MP, 8 MP, 16 MP, 20 MP, 32 MP.

- **Burst Photos:** Programmable number of photos per trigger:
 - 1 to 5 photos for 3 MP or 5 MP resolution.
 - 1 to 4 photos for 8 MP resolution.
 - 1 to 3 photos for 16 MP, 20 MP, or 32 MP resolution.
- **File Format:** JPG.

Video Settings

- **Resolution:** VGA, HD 720p, FULL HD 1080p.
- **Duration:** Programmable from 3 to 60 seconds.
- **Audio Recording:** Programmable (ON | OFF).
- **File Format:** AVI.

Infrared Flash

- **LEDs:** 40 invisible LEDs (940 nm wavelength).
- **Range:** Approximately 20 meters.
- **Activation:** Automatic activation based on ambient light conditions.
- **Power:** Adjustable (Auto | High | Low).

Time Lapse Mode

In Time Lapse mode, the camera automatically takes photos or videos at regular, pre-set intervals, regardless of motion detection.

Viewing Captured Media

In 'SET' mode, navigate to the playback menu to review photos and videos stored on the micro SD card.

Maintenance

- **Cleaning:** Regularly clean the camera lens, PIR sensor, and IR LEDs with a soft, dry cloth. Avoid abrasive materials or harsh chemicals.
- **Battery Replacement:** Replace batteries when the low battery indicator appears or when performance degrades. Always replace all batteries at once with new ones of the same type.
- **SD Card Management:** Periodically format the micro SD card in the camera's settings menu to ensure optimal performance and prevent data corruption. Back up important files before formatting.
- **Weather Resistance:** The PIE1059 is rated IP66, meaning it is designed to withstand dust and strong jets of water. While robust, avoid submerging the camera in water. Ensure all latches are securely closed to maintain water resistance.

Troubleshooting

Problem	Possible Cause	Solution
Camera not powering on	Low or dead batteries; Incorrect battery polarity; SD card issue.	Replace batteries; Check battery orientation; Remove and reinsert SD card, or try a different one.
No photos/videos captured	PIR sensitivity too low; SD card full or corrupted; Camera in 'SET' mode; Incorrect time/date.	Increase PIR sensitivity; Format/replace SD card; Ensure camera is in 'ON' mode; Set correct time/date.
Poor image/video quality	Lens dirty; Low light conditions; Incorrect resolution setting.	Clean lens; Adjust IR flash power; Select higher resolution.
False triggers	PIR sensitivity too high; Heat sources (e.g., sun, moving branches).	Decrease PIR sensitivity; Reposition camera away from heat sources or moving objects.

Specifications

Model	PIE1059 (NGPIEPHO025)
Dimensions (L x W x H)	14.5 x 11 x 7.4 cm
Weight	326 grams
Power Supply	8 x AA Alkaline batteries (not included)
External Power Option	Yes (5.5 x 2.1 mm jack)
Memory	Micro SD card, 4 GB to 32 GB (Class 10 minimum, not included)
PIR Detection Angle	60°
PIR Detection Distance	Approx. 20 meters
Trigger Speed	Approx. 0.6 seconds
Infrared Flash	40 invisible LEDs (940 nm)
IR Flash Range	Approx. 20 meters
Photo Resolution	3 MP, 5 MP, 8 MP, 16 MP, 20 MP, 32 MP (JPG)
Video Resolution	VGA, HD 720p, FULL HD 1080p (AVI)
Video Duration	3 to 60 seconds (programmable)
Audio Recording	Yes (programmable ON/OFF)
Water Resistance	IP66 Standard
Color	Camouflage
Recommended Use	Outdoor Security

Warranty and Support

The NUM'AXES PIE1059 Photographic Trap comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims. For technical support, troubleshooting assistance beyond this manual, or warranty service, please contact your retailer or the NUM'AXES customer service department. Refer to the contact information provided with your product packaging or visit the official NUM'AXES website for support details.