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Evolveo StrongVision 2 Go

EVOLVEO StrongVision 2 Go Hunting Camera User Manual

Model: StrongVision 2 Go

INTRODUCTION

The EVOLVEO StrongVision 2 Go is a compact and modern hunting camera designed for capturing photos and videos with sound in outdoor environments. It features motion detection, night vision capabilities, and the ability to transmit captured images via MMS or email using a SIM card. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- EVOLVEO StrongVision 2 Go Camera
- Antenna
- 8 GB SD Card
- Tweezers for SIM card removal
- Mounting Strap
- USB Cable
- User Manual

PRODUCT OVERVIEW

The StrongVision 2 Go camera is equipped with a 2.4-inch clear display for easy configuration and viewing. It supports Full HD video recording and features 36 invisible 940nm infrared LEDs for night vision. Motion detection is handled by PIR sensors with a 120° field of view and a range of up to 25 meters. The camera is designed with an IP65 waterproof rating, making it suitable for various outdoor conditions.



Figure 1: Front view of the EVOLVEO StrongVision 2 Go hunting camera, showing the lens, PIR sensors, and external antenna.

SETUP

1. Battery Installation

The camera requires 8 AA batteries (not included) for operation. The batteries are housed in a separate battery box to protect the electronics.

1. Open the camera's housing latches.
2. Locate the battery compartment.
3. Insert 8 AA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment securely.

2. SIM Card Installation

A SIM card is required for MMS/email transmission features. Use the provided tweezers for easier installation.

1. With the camera open, locate the SIM card slot.
2. Carefully insert the SIM card into the slot until it clicks into place.
3. Ensure the SIM card is properly seated.

3. SD Card Installation

The camera records photos and videos to a microSD card. An 8 GB SD card is included in the package.

1. Locate the microSD card slot.
2. Insert the microSD card with the contacts facing the correct direction until it clicks.
3. To remove, press the card gently to release it.



Figure 2: The camera opened, displaying the internal screen, control buttons, and the battery compartment on the right side.

4. Mounting the Camera

The camera can be mounted using the included strap or a tripod.

1. **Strap Mounting:** Thread the mounting strap through the slots on the back of the camera and secure it around a tree or pole.
2. **Tripod Mounting:** Use the 1/4-inch tripod screw mount located at the bottom of the camera to attach it to a tripod or other compatible mounting accessory.



Figure 3: Bottom view of the camera, highlighting the 6V 1.5A power input port and the standard tripod mounting thread.

5. Initial Configuration

Configure the camera settings using the internal 2.4-inch screen and menu. The menu supports multiple languages including English, German, Italian, and Czech. Advanced settings can also be managed via a dedicated application for MS Windows.

1. Turn on the camera.
2. Navigate through the menu using the control buttons to set date, time, recording mode, and other preferences.
3. For MMS/email transmission, configure the recipient addresses using the EVOLVEO config application. The EVOLVEO mail server simplifies this process, requiring only the recipient email address without passwords or usernames.

OPERATING THE CAMERA

Recording Modes

The camera offers four primary recording modes:

- **Camera:** Captures still images.
- **Video:** Records video clips with sound.
- **Camera + Video:** Captures a still image followed by a video clip.
- **Timelapse:** Takes photos at set intervals, useful for monitoring long-term events like construction

projects.

Motion Detection

The camera utilizes PIR (Passive Infrared) sensors to detect movement within a 120° field of view, up to 25 meters away. Upon detection, the camera triggers recording based on your configured settings.



Figure 4: The camera's capabilities, including 1080p/30fps video, a 0.3-second trigger speed, and 20-megapixel image resolution, demonstrated with a wolf in a snowy environment.



Figure 5: The camera's night vision features, including 36 infrared LEDs with a 940nm wavelength, a 120-degree field of view, and three PIR sensors for enhanced motion detection, illustrated with a wild boar.

MMS/Email Transmission

When motion is detected, the camera can send captured photos via MMS or email to your configured phone numbers or email addresses. The EVOLVEO mail server ensures secure communication for email transmission.

Adjustable Settings

Customize your recording preferences:

- **Photo Burst:** Set the camera to take 1, 3, 6, or 9 photos per trigger.
- **Interval:** Define the delay between triggers from 1 second to 30 minutes.
- **Video Duration:** Set video clip length to 10, 30, 60, or 90 seconds.
- **Timestamp:** Each photo includes date, time, temperature, and battery status.

MAINTENANCE

Battery Replacement

Regularly check battery status via the photo timestamp or camera display. Replace all 8 AA batteries simultaneously to ensure consistent power and optimal performance.

SD Card Management

Periodically check the SD card for storage capacity. Transfer important files to a computer and format the SD card to maintain performance. Ensure the camera is powered off before inserting or removing the SD card.

Cleaning

Wipe the camera's exterior with a soft, damp cloth. Ensure the lens and PIR sensors are clean and free from obstructions for clear images and accurate motion detection. Do not use harsh chemicals or abrasive materials.

TROUBLESHOOTING

Camera Not Turning On

- Check if batteries are inserted correctly with proper polarity.
- Ensure batteries have sufficient charge.
- Verify that the power switch is in the 'ON' position.

No Images/Videos Recorded

- Confirm the SD card is properly inserted and not full.
- Check motion detection settings (PIR sensitivity, interval).
- Ensure the camera is in an active recording mode (Camera, Video, Camera+Video, Timelapse).

MMS/Email Not Sending

- Verify SIM card is active and has sufficient credit/data.
- Check network coverage (2G GSM).
- Ensure MMS/email settings are correctly configured in the camera menu or via the EVOLVEO config application.
- Confirm recipient phone numbers/email addresses are correct.

SPECIFICATIONS

Feature	Specification
Brand	Evolveo
Model	StrongVision 2 Go
Form Factor	Compact
Material	Plastic
Dimensions (L x W x H)	13.5 x 9 x 7.6 cm
Weight	290 grams (without batteries)
Viewing Angle	120 Degrees
PIR Sensor Range	Up to 25 meters
Night Vision	36 IR LEDs (940nm)
Special Features	Local Recording, Night Vision
Display	2.4-inch Clear Screen
Connectivity	GSM 2G (for MMS/Email transmission)
Power Source	8 AA Batteries (not included) or external power adapter (6V 1.5A)
Waterproof Rating	IP65
Operating Temperature	-20 °C to +70 °C
Mounting Type	Tree Mount, Tripod Mount
Color	Camouflage
Manufacturer	Naxyta Limited

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Evolveo website or contact your local distributor. Keep your purchase receipt as proof of purchase.