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› Apexcam Pro M90-PRO 4K 20MP EIS WiFi Action Camera User Manual

Apexcam M90-PRO

Apexcam Pro M90-PRO 4K 20MP EIS WiFi Action Camera User Manual

Model: M90-PRO

1. INTRODUCTION

The Apexcam Pro M90-PRO is a high-performance 4K 20MP EIS WiFi Action Camera designed for capturing your adventures in stunning detail. It features Electronic Image Stabilization (EIS) for smooth footage, a 170° wide-angle lens, and is waterproof up to 40 meters with its protective housing. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your camera.

2. PRODUCT OVERVIEW AND COMPONENTS

The Apexcam Pro M90-PRO comes with a comprehensive set of accessories to support various activities. Familiarize yourself with the main camera unit and its accompanying components.



Image: The Apexcam Pro M90-PRO Action Camera shown with its extensive range of accessories, including the waterproof case, remote control, batteries, chargers, and various mounts.

Box Contents:

- Apexcam Pro M90-PRO Action Camera

- Waterproof Case
- 2 x 1200mAh Batteries
- Dual Battery Charger
- 2.4G Remote Control
- External Microphone
- Selfie Stick
- Various Mounts and Adapters (for bicycles, helmets, etc.)
- USB Cable
- Cleaning Cloth
- User Manual
- Storage Bag

3. SETUP

3.1. Battery Installation and Charging

1. Open the battery compartment cover on the bottom of the camera.
2. Insert a 1200mAh lithium polymer battery, ensuring correct polarity.
3. Close the battery compartment cover securely.
4. To charge, use the provided dual charger and USB cable. Connect the charger to a power source. The indicator lights will show charging status.

3.2. MicroSD Card Installation and Formatting

A MicroSD card (not included) is required for recording. The camera supports up to 64GB. For optimal performance, use a Class 10, UHS-3, V30 MicroSD card.

1. Locate the MicroSD card slot on the side of the camera.
2. Insert the MicroSD card with the contacts facing the front of the camera until it clicks into place.
3. **Important:** Before first use, format the MicroSD card within the camera's settings menu. Navigate to System Settings > Format SD Card. This ensures compatibility and optimal recording performance.

3.3. Waterproof Case Usage

The included waterproof case allows the camera to be used underwater up to 40 meters.

1. Ensure the camera is dry and clean before placing it inside the waterproof case.
2. Close the case securely, ensuring the rubber seal is free from debris and properly seated.
3. Before submerging the camera with the case, perform a leak test by placing the empty case underwater for a few minutes to check for any leaks.

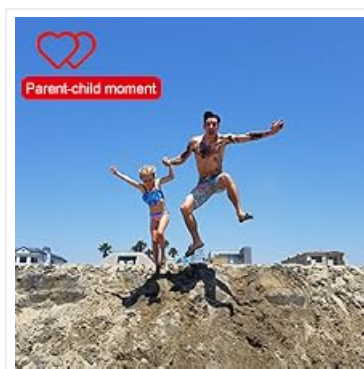


Image: The Apexcam Pro M90-PRO camera enclosed in its waterproof housing, submerged in water, demonstrating its 40-meter waterproof capability.

3.4. Remote Control Pairing

The 2.4G remote control allows for convenient operation from a distance (15-20 meters). The remote control is not waterproof.

1. Ensure the remote control has a working battery.
2. On the camera, navigate to the System Settings.
3. Enable the Remote Control function. An 'R' icon may appear on the camera screen.
4. The remote should now be paired and ready for use.

3.5. External Microphone Connection

Connect the external microphone to the camera's designated port for improved audio quality, especially in noisy environments.

3.6. Selfie Stick Assembly

Attach the camera to the selfie stick using the appropriate mount for extended reach in photos and videos.



Image: The Apexcam Pro M90-PRO camera mounted on a selfie stick, illustrating its use for stable and convenient shooting.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off and Mode Switching

- **Power On:** Press and hold the Power/Mode button.
- **Power Off:** Press and hold the Power/Mode button again.
- **Switch Modes:** Briefly press the Power/Mode button to cycle through Video, Photo, Playback, and Settings modes.

4.2. Video Recording (4K, EIS)

The camera supports 4K Ultra HD video recording at 30 frames per second with Electronic Image Stabilization (EIS).

1. Ensure the camera is in Video mode.
2. Press the Shutter/OK button to start recording. A red indicator light will flash.
3. Press the Shutter/OK button again to stop recording.
4. EIS (Electronic Image Stabilization) is automatically enabled to provide stable and smooth footage.

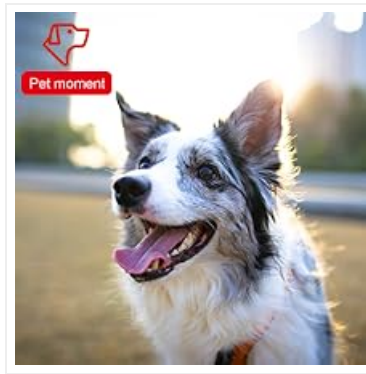


Image: A visual representation of the camera's EIS Anti-Shake Technology, showing how it maintains clear and smooth footage even during dynamic movements.

4.3. Photo Capture (20MP, 170° Wide Angle)

Capture high-resolution 20MP photos with the 170° wide-angle lens.

1. Switch the camera to Photo mode.
2. Frame your shot using the 2-inch LCD screen.
3. Press the Shutter/OK button to take a photo.

4.4. Special Shooting Modes

The camera offers various modes to enhance your recording experience:



Image: Icons representing various shooting modes and features of the Apexcam Pro M90-PRO, including Burst, Time Lapse, Driving Mode, EIS Anti-Shake, Slow Motion, Loop Recording, 2 Batteries, and Mic Interface.

- *Burst Mode*: Captures multiple photos in quick succession.
- *Time Lapse*: Records a series of photos at set intervals and stitches them into a video.
- *Driving Mode*: Automatically starts recording when the camera detects power, suitable for dashcam use.
- *Slow Motion*: Records video at a higher frame rate for slow-motion playback.
- *Loop Recording*: Overwrites the oldest footage when the memory card is full, ideal for continuous recording.

4.5. Wi-Fi Connectivity

Connect your camera to a smartphone or tablet via Wi-Fi using the 'Live DV' app to control the camera, preview footage, and share content.

1. Download the 'Live DV' app from your device's app store.
2. On the camera, press the Up button to activate Wi-Fi. The Wi-Fi icon will appear on the screen.
3. On your smartphone/tablet, go to Wi-Fi settings and connect to the camera's Wi-Fi network (SSID and password displayed

on camera screen).

4. Open the 'Live DV' app to establish a connection and control the camera.



Image: The Apexcam Pro M90-PRO camera wirelessly connected to a smartphone, demonstrating the real-time sharing and control capabilities via Wi-Fi.

5. MAINTENANCE

5.1. Waterproof Case Care

- After each use, especially in saltwater, rinse the waterproof case with fresh water.
- Dry the case thoroughly before storing.
- Inspect the rubber seal regularly for any damage or debris that could compromise its waterproof integrity.

5.2. Battery Care

- Store batteries in a cool, dry place.
- Avoid fully discharging batteries for extended periods.
- If not using the camera for a long time, remove the batteries.

5.3. General Cleaning

- Use a soft, lint-free cloth to clean the camera body and lens.
- For stubborn smudges on the lens, use a specialized lens cleaning solution.
- Avoid using harsh chemicals or abrasive materials.

6. TROUBLESHOOTING

If you encounter issues with your Apexcam Pro M90-PRO, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera does not power on	Low or depleted battery; Battery not inserted correctly	Charge the battery fully; Reinsert battery correctly
Cannot record video/take photos	No MicroSD card; MicroSD card full or corrupted; MicroSD card not formatted	Insert a MicroSD card; Delete files or replace card; Format MicroSD card in camera settings
Poor video/photo quality (shaky, blurry)	EIS not active (unlikely as it's automatic); Low light conditions; Lens dirty	Ensure adequate lighting; Clean the lens; Check camera settings for resolution

Problem	Possible Cause	Solution
Wi-Fi connection issues	Incorrect Wi-Fi password; App not installed or updated; Interference	Verify Wi-Fi password; Reinstall/update 'Live DV' app; Move closer to camera
Remote control not working	Remote battery depleted; Remote not paired; Out of range	Replace remote battery; Pair remote control via camera settings; Operate within 15-20m range
Water leakage in waterproof case	Case not closed properly; Seal damaged or dirty	Ensure case is securely latched; Clean/inspect rubber seal; Replace case if damaged

7. SPECIFICATIONS

Detailed technical specifications for the Apexcam Pro M90-PRO Action Camera:

Feature	Specification
Brand	Apexcam
Model Number	M90-PRO
Product Dimensions	6 x 2.5 x 4 cm; 830 g
Batteries	1 Lithium Polymer required, included (2 x 1200mAh provided)
Photo Sensor Technology	Other
Video Capture Resolution	4K
Effective Still Image Resolution	12 MP (interpolated to 20MP)
Video Capture Speed	30 fps
Maximum Focal Length	30 Millimeters
Maximum Aperture	2.8 f
Flash Memory Type	MicroSD (up to 64GB, Class 10, UHS-3, V30 recommended)
Video Capture Format	MP4
Supported Audio Format	AAC
Screen Size	2 Inches
Connectivity Technology	Wi-Fi, 2.4 GHz Radio Frequency (for remote)
Color	Black
Product Features	170° Wide Angle, 2" HD LCD, 4K 20MP Ultra HD, Remote Control, EIS, Waterproof: 40M, Wi-Fi
Water Resistance Level	Waterproof (with case)

Feature	Specification
Image Stabilization	Yes, Electronic (EIS)
Average Battery Life	200 Minutes (approx.)
Lens Type	Wide Angle
Focus Type	Auto Focus
Viewing Angle	170 Degrees
Maximum Display Resolution	4K UHD
Optical Zoom	1x
Recommended Uses	Action sports, underwater activities
Compatible Devices	Smartphone
Country of Origin	China

8. WARRANTY AND SUPPORT

8.1. Warranty Information

The Apexcam Pro M90-PRO Action Camera comes with a **2-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

8.2. Return Policy

A **30-day return policy** is typically offered for this product. Please refer to your retailer's specific return terms and conditions.

8.3. Technical Support

For technical assistance or inquiries, Apexcam provides **24-hour technical support**. Please visit the official Apexcam website or contact their customer service for further assistance.
Availability of spare parts in the EU is guaranteed for 5 years.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question