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OmniMaster 1296P

OmniMaster 1296P UHD Body Camera User Manual

Model: 1296P

Introduction

This manual provides detailed instructions for the safe and effective use of your OmniMaster 1296P UHD Body Camera. Please read this manual thoroughly before operating the device and retain it for future reference. This body camera is designed for reliable video and audio recording in various environments, featuring high-definition capture, night vision, and robust construction.

Product Overview

Key Features

- **1296P UHD Video Recording:** Captures high-resolution video footage.
- **Built-in 64GB Storage:** Provides ample space for continuous recording.
- **2-Inch LCD Display:** For real-time viewing and playback.
- **Night Vision:** High-intensity infrared LEDs for clear recording up to 33 feet in low light.
- **170° Ultra Wide Angle Lens:** Captures a broad field of view.
- **IP67 Waterproof Rating:** Offers protection against water immersion.
- **Shockproof Design:** Durable construction for demanding environments.
- **One-Button Operation:** Simplifies recording videos, audios, and taking pictures.
- **Long Battery Life:** Integrated 3000mAh battery provides extended operational time (up to 18 hours at 1080p, 20 hours at 720p).

Package Contents

- OmniMaster 1296P UHD Body Camera
- USB Cable
- Mounting Clips (typically two are included)
- User Manual (this document)

Component Identification

Familiarize yourself with the camera's components:



Figure 1: Front view of the OmniMaster 1296P UHD Body Camera, showing the lens, infrared LEDs, and main body.



Figure 2: Rear view of the OmniMaster 1296P UHD Body Camera, highlighting the 2-inch LCD display and control buttons (OK, Menu, Navigation).

- **Front:** Camera Lens, Infrared LEDs, Microphone.
- **Rear:** 2-inch LCD Display, Menu/OK Button, Navigation Buttons.
- **Sides:** Power Button, Record Button, Photo Button, PTT (Push-to-Talk) Button (if applicable), USB Port.

Setup

1. Charging the Battery

Before first use, fully charge the camera's built-in battery. Connect the camera to a power source (e.g., computer USB port or USB wall adapter) using the provided USB cable. The charging indicator will show the charging status. A full charge typically takes several hours.



Figure 3: The OmniMaster Body Camera connected via USB for charging, illustrating its long battery life capability.

2. Powering On/Off

- **To Power On:** Press and hold the Power button for a few seconds until the display illuminates.
- **To Power Off:** Press and hold the Power button again until the device shuts down.

3. Initial Settings

Upon first power-on or after a reset, you may need to set the date, time, and language. Navigate through the menu using the directional buttons and confirm selections with the OK button. Refer to the "Operating Instructions" section for more details on menu navigation.

Operating Instructions

1. Recording Video

- Ensure the camera is powered on.

- Press the dedicated **Record Button** once to start video recording. A recording indicator (e.g., a red dot or flashing icon) will appear on the display.
- Press the **Record Button** again to stop recording. The video file will be saved automatically.

2. Taking Photos

- Ensure the camera is powered on.
- Press the dedicated **Photo Button** once to capture a still image.
- The image will be saved automatically.
- *Note:* Some models allow taking photos during video recording. Consult the on-screen menu for this feature.

3. Audio Recording

- Ensure the camera is powered on.
- Press the dedicated **Audio Record Button** (if available, often labeled 'PTT' or a microphone icon) once to start audio-only recording.
- Press the button again to stop recording. The audio file will be saved.

4. Night Vision

The camera features high-intensity infrared (IR) LEDs for night vision. It can automatically switch to IR mode in low-light conditions. This allows for clear footage capture up to 33 feet away in darkness.



Figure 4: Comparison of general night vision effect versus the OmniMaster's IR night vision, showing enhanced clarity in low light.

- **Automatic Mode:** The camera will detect low light and activate IR LEDs automatically.
- **Manual Mode:** Check the camera's menu settings for an option to manually enable or disable night vision.

5. Playback on Device

- From the main screen, navigate to the playback menu using the directional buttons.
- Select the desired video or photo file.
- Press the **OK Button** to start playback.
- Use navigation buttons to fast forward, rewind, or pause.

6. Adjusting Settings

Access the camera's settings menu to customize various parameters:

- **Video Resolution:** Select from available options (e.g., 1296P, 1080P, 720P). Higher resolution consumes more storage.

- **Image Size:** Adjust the resolution for still photos.
- **Date/Time Stamp:** Enable or disable the display of date and time on recordings.
- **Loop Recording:** Configure if the camera should overwrite older files when storage is full.
- **Password Protection:** Set a password to prevent unauthorized access to files when connected to a computer.
- **System Volume:** Adjust button sounds and playback volume.
- **Language:** Select your preferred language.

Connecting to a Computer

To transfer or manage recorded files, connect the OmniMaster Body Camera to a personal computer using the provided USB cable.

1. Ensure the camera is powered on.
2. Connect one end of the USB cable to the camera's USB port and the other end to an available USB port on your computer.
3. The camera will typically enter a "Mass Storage" or "PC Mode."
4. If password protection is enabled, you will need to enter the password on the camera's screen before the computer can access the files.
5. The camera will appear as a removable drive on your computer. You can then browse, copy, and move video, photo, and audio files.
6. **Important:** All recorded videos, pictures, and audios can **ONLY** be deleted by connecting the camera to a computer via the USB cable. Deletion directly from the camera is not supported to maintain data integrity.
7. Once file management is complete, safely eject the removable drive from your computer before disconnecting the USB cable.

Maintenance

Cleaning

- Use a soft, dry cloth to clean the camera body.
- For the lens, use a specialized lens cleaning cloth and solution to avoid scratches.
- Do not use harsh chemicals or abrasive cleaners.

Storage

- Store the camera in a cool, dry place away from direct sunlight and extreme temperatures.
- Ensure the battery is partially charged (around 50%) if storing for extended periods to prolong battery life.

Water and Shock Resistance

The OmniMaster Body Camera is designed with an IP67 waterproof rating and shockproof materials. While durable, avoid intentionally submerging the device beyond its rated depth and duration, and protect it from severe impacts to maintain its integrity.



Figure 5: The OmniMaster Body Camera demonstrating its IP67 waterproof and shockproof capabilities, suitable for various environments.

Troubleshooting

Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted.	Charge the camera fully using the provided USB cable.
Cannot connect to computer.	Incorrect USB cable or port; Password protection enabled.	Ensure using the original USB cable and a functional USB port. Enter the correct password on the camera's screen if prompted.
Recording indicator (red light) is on, but no recording occurs.	Insufficient storage; Recording mode not properly activated.	Check available storage space. Ensure the record button was pressed firmly and the display shows a clear recording icon. Delete old files via computer if storage is full.

Problem	Possible Cause	Solution
Poor audio quality in recordings.	Microphone obstruction; Environmental noise.	Ensure the microphone port is clear of debris. Record in quieter environments if possible.
Night vision is not clear.	IR LEDs obstructed; Distance too far.	Ensure the front of the camera, especially the IR LEDs, is clean and unobstructed. Night vision effectiveness decreases with distance (optimal up to 33 feet).

Specifications

Brand	OmniMaster
Model Number	1296P
Video Capture Resolution	1296P, 1080p, 720p
Effective Still Resolution	12 MP
Lens Type	Wide Angle (170°)
Photo Sensor Technology	CMOS
Screen Size	2 inches
Flash Memory Installed Size	64 GB (Built-in)
Battery Average Life	18 hours (1080p footage), 20 hours (720p footage)
Battery Capacity	3000mAh (Lithium Polymer)
Water Resistance Level	IP67 Waterproof
Connectivity Technology	USB, Infrared
Video Capture Format	MPEG 4 (AVI)
Supported Audio Format	AAC
Supported Image Format	JPEG
Special Features	Motion Detection, Night Vision, Portable, Shockproof

Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact OmniMaster customer service directly. Contact details can typically be found on the product packaging or the official OmniMaster website.
For additional resources, you may visit the OmniMaster Store on Amazon.

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