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› DEFENTAC HD1080P Camera and 500 Lumens Light Combo Bundle DF-9031 User Manual

DEFENTAC DF-9031

DEFENTAC HD1080P Camera and 500 Lumens Light Combo Bundle User Manual

Model: DF-9031

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1. INTRODUCTION

This manual provides instructions for the safe and effective use of your DEFENTAC HD1080P Camera and 500 Lumens Light Combo Bundle, Model DF-9031. Please read this manual thoroughly before operating the device and retain it for future reference.



Figure 1: DEFENTAC HD1080P Camera and 500 Lumens Light Combo Bundle (Model DF-9031).

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- DEFENTAC HD1080P Camera and 500 Lumens Light Combo Device (DF-9031)
- USB Charging/Data Cable
- Mounting Tool (Hex Key)
- Mounting Adapter
- User Manual



Figure 2: Included components: the DF-9031 device, USB cable, user manual, mounting tool, and mounting adapter.

3. PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of your DF-9031 device.

Easy operation

USB cable, easily read / download by computer

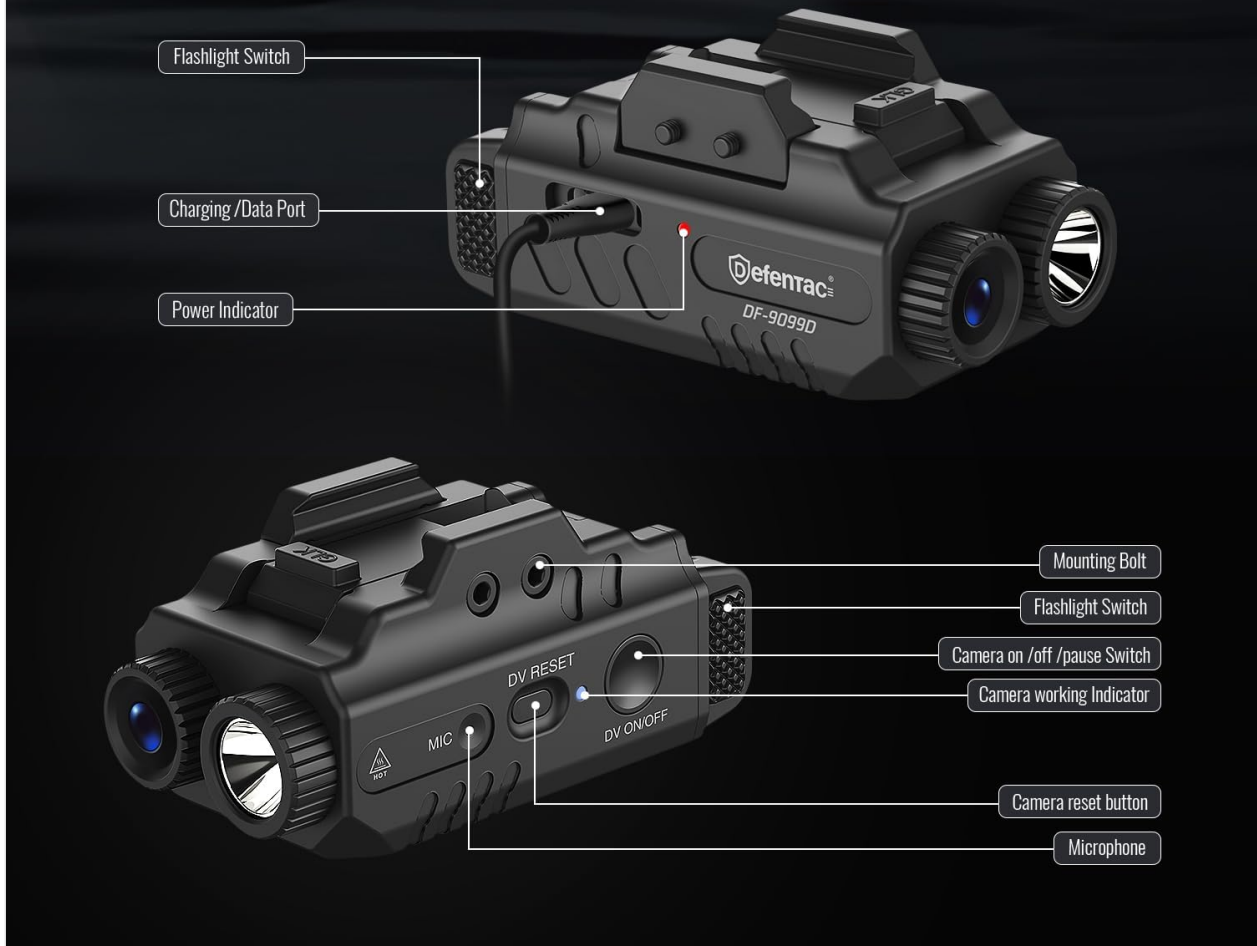


Figure 3: Front and side view of the DF-9031, highlighting the Flashlight Switch, Charging/Data Port, Power Indicator, Mounting Bolt, Camera On/Off/Pause Switch, Camera Working Indicator, Camera Reset Button, and Microphone.

- **Flashlight Switch:** Controls the flashlight modes.
- **Charging/Data Port:** USB port for charging the device and transferring data to a computer.
- **Power Indicator:** LED light indicating power status and charging.
- **Mounting Bolt:** Secures the device to a rail system.
- **Camera On/Off/Pause Switch:** Controls the video recording function.
- **Camera Working Indicator:** LED light indicating camera recording status.
- **Camera Reset Button (DV RESET):** Used to reset the device.
- **Microphone (MIC):** Captures audio during video recording.

Simple and classical DV operation



On/off/pause button



Working indicator



Microphone



Reset button

Figure 4: Detailed view of the camera controls, including the On/Off/Pause button, Working indicator, Microphone, and Reset button.

4. SPECIFICATIONS

Feature	Specification
Flashlight Output	500 Lumens (Max)
Video Resolution	1080P HD
Audio Recording	Yes (Built-in Microphone)
Internal Memory	16GB
Flashlight Run Time	Up to 2 hours
Camera Run Time	Up to 2.5 hours
Weight	56 grams
Dimensions (Approx.)	70 mm (Length) x 35 mm (Height)
Power Output (Laser)	Less than 5mW (Class IIIa)

500lm Tactical light + 1080P DV

Flashlight: momentary on, constant on, strobe
Camera: 1080P, built-in 16G memory card, video+voice.

Adjustable rail system

35 mm

70 mm


 FLASHLIGHT MAX

 500 lumens


 RESOLUTION

 1080P


 AUDIO

 ✓


 MEMORY CARD

 16G


 RUN TIME MAX

 Light only 2hr
 Camera only 2.5hr


 WEIGHT

 56 g

Figure 5: Visual representation of the DF-9031's dimensions and core specifications.

5. SETUP

5.1 Charging the Device

1. Locate the Charging/Data Port on the side of the device (refer to Figure 3).
2. Connect the small end of the provided USB cable to the Charging/Data Port.
3. Connect the large end of the USB cable to a standard USB power adapter (not included) or a computer's USB port.
4. The Power Indicator light will illuminate to show charging status.
5. Once fully charged, disconnect the USB cable.

5.2 Mounting the Device

The DF-9031 features an adjustable rail system for mounting. Use the provided mounting tool (hex key) and adapter if necessary.

1. Identify the mounting rail on your compatible equipment.
2. Align the DF-9031's adjustable rail system with your equipment's rail.
3. Insert the Mounting Bolt into the appropriate slot and tighten it securely using the hex key. Ensure the device is firmly attached and does not wobble.

6. OPERATION

6.1 Camera Operation

1. **Power On/Off:** Press and hold the Camera On/Off/Pause Switch (DV ON/OFF) for approximately 3 seconds. The camera will begin a 5-second booting process, indicated by a solid blue light on the Camera Working Indicator.
2. **Start Recording:** After the 5-second booting process, the blue indicator will start flashing, signifying that video recording is in progress.
3. **Pause/Resume Recording:** While recording, click the Camera On/Off/Pause Switch once to pause recording. The blue indicator will remain solid. Click the switch again to resume recording; the blue indicator will flash.
4. **Power Off:** To turn off the camera, press and hold the Camera On/Off/Pause Switch for 3 seconds.

Note: The camera has an 8-second activation time (3 seconds for switch press + 5 seconds for booting process).

6.2 Flashlight Operation

The flashlight offers multiple modes: momentary on, constant on, and strobe. Use the Flashlight Switch to cycle through these modes.

FLASHLIGHT + DV RECORDING

The home defense advocates/ training/ hunting recording.



Figure 6: The DF-9031 supports various operational modes: simultaneous light and video recording, light-only (constant or strobe), and video-only recording.

- **Momentary On:** Press and hold the Flashlight Switch. Release to turn off.
- **Constant On:** Click the Flashlight Switch once to activate constant light. Click again to turn off.
- **Strobe Mode:** Double-click the Flashlight Switch to activate strobe mode. Click once to turn off.

The device can operate with light only, video only, or both simultaneously.

6.3 Data Transfer

To access recorded videos and images, connect the device to a computer using the provided USB cable. The device will appear as a removable storage drive, allowing you to copy files.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, charge the device regularly, even if not in frequent use. Avoid fully

discharging the battery for extended periods.

- **Lens Care:** Keep the camera lens and flashlight lens clean and free of dust or smudges for clear recording and illumination.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low or depleted battery.	Charge the device using the provided USB cable.
Camera not recording.	Not properly activated; indicator not flashing.	Ensure the camera is powered on and the indicator is flashing blue. Press and hold the Camera On/Off/Pause Switch for 3 seconds to start, then wait for the 5-second boot process.
Cannot transfer files to computer.	Improper USB connection; driver issue.	Ensure the USB cable is securely connected to both the device and the computer. Try a different USB port or cable. Restart the computer.
Device unresponsive.	Software glitch.	Use a small, pointed object (like a paperclip) to press the Camera Reset Button (DV RESET) for a few seconds. This will restart the device without deleting data.

9. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Keep the device away from water and other liquids.
- Do not attempt to disassemble or modify the device. This will void the warranty and may cause damage.
- Handle the device with care to avoid dropping or impact.
- The laser component has a power output of less than 5mW and is classified as Class IIIa. Avoid direct eye exposure.
- Keep out of reach of children.

10. WARRANTY AND SUPPORT

DEFENTAC products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact information provided on the DEFENTAC official website or your purchase documentation.

Please retain your proof of purchase for warranty claims.