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DEFENTAC DF-54

DEFENTAC DF-54 HD1080P Camera and 500 Lumens Flashlight Combo User Manual

1. Product Overview

The DEFENTAC DF-54 is a versatile device combining a high-definition 1080P camera with a powerful 500 lumens flashlight. Designed for various applications, it offers video recording capabilities alongside illumination, making it suitable for personal defense, training, and hunting recording. The unit features an adjustable rail system for secure mounting.



Image 1.1: Front view of the DEFENTAC DF-54 showing the flashlight and green laser output.

2. Safety Information

Please read and understand all safety instructions before using the DEFENTAC DF-54. Failure to follow these instructions may result in injury or damage to the device.

- **Laser Safety:** The integrated laser has a power output of less than 5mW and is classified as Class IIIa. Avoid direct eye exposure to the laser beam. Do not point the laser at aircraft or vehicles.
- **Heat Warning:** The device may become warm during extended use, especially when the flashlight is active. Observe the 'HOT' warning indicator on the unit.
- Keep the device away from water and extreme temperatures.
- Do not attempt to disassemble or modify the device. This will void the warranty and could lead to malfunction or

injury.

3. Package Contents

Verify that all items are present in your package:

- DEFENTAC DF-54 Camera and Flashlight Combo Unit
- USB Charging/Data Cable
- Mounting Accessory
- Hex Key for mounting adjustments
- User Manual (this document)



Image 3.1: Contents of the DEFENTAC DF-54 package.

4. Setup

4.1 Initial Charging

Before first use, fully charge the device. Connect the supplied USB cable to the Charging/Data Port on the unit and plug the other end into a standard USB power adapter (not included) or a computer USB port. The Power Indicator will show charging status.

4.2 Mounting the Device

The DEFENTAC DF-54 features an adjustable rail system for secure attachment. Use the included hex key to adjust the mounting bolt for a snug fit on your rail. Ensure the device is firmly secured before operation.



Image 4.1: Labeled diagram of the DEFENTAC DF-54 controls and ports.

5. Operating Instructions

5.1 Camera Operation

1. **On/Off:** Press and hold the Camera On/Off/Pause Switch (labeled 'DV ON/OFF') for approximately 3 seconds. The

camera will begin a 5-second booting process. The blue indicator light will turn on. Once the blue indicator starts flashing, video recording is in progress.

2. **Pause/Resume Recording:** While recording, click the Camera On/Off/Pause Switch once to pause recording (the indicator will remain solid blue). Click it again to resume recording (the indicator will flash blue).

The activation sequence takes approximately 8 seconds (3s switch press + 5s booting process).



Image 5.1: Detailed view of key operational buttons and indicators.

5.2 Flashlight Operation

The flashlight offers multiple modes:

- **Momentary On:** Press and hold the Flashlight Switch. The light will stay on as long as the switch is held.
- **Constant On:** Click the Flashlight Switch once to turn the light on constantly. Click again to turn off.
- **Strobe:** From Constant On mode, quickly double-click the Flashlight Switch to activate strobe mode. Click once to turn off.

5.3 Combined Operation Modes

The DEFENTAC DF-54 supports various combinations of light and video recording:

- **Light and Video:** Activate both the flashlight and camera simultaneously for recording with illumination.
- **Light Only:** Operate the flashlight independently without recording video.
- **Video Only:** Record video without activating the flashlight.



Image 5.2: Illustration of different operational modes.

6. Charging

To charge the DEFENTAC DF-54, connect the provided USB cable to the Charging/Data Port on the device. Plug the other end into a compatible USB power source. The Power Indicator will illuminate to show charging status and turn off or change color when fully charged. A full charge provides approximately 2 hours of flashlight use or 2.5 hours of camera recording.

7. Data Transfer

To access recorded video files, connect the DEFENTAC DF-54 to a computer using the supplied USB cable. The device will be recognized as a removable storage device, allowing you to easily read and download files to your computer.

8. Maintenance

- Clean the lens and flashlight glass with a soft, lint-free cloth.
- Avoid using abrasive cleaners or solvents.
- Store the device in a cool, dry place when not in use.
- Regularly check the mounting bolt for tightness to ensure secure attachment.

9. Troubleshooting

- **Device not turning on:** Ensure the device is fully charged. If the issue persists, try resetting the device using the 'DV RESET' button (may require a small pin).
- **Camera not recording:** Check the blue indicator light. If it's solid, recording is paused. Click the switch to resume. Ensure sufficient battery charge.
- **Flashlight not working:** Ensure the device is charged. Check the Flashlight Switch operation.
- **Cannot connect to computer:** Try a different USB port or cable. Ensure the device is powered on when connecting.

10. Specifications

Flashlight Max Output	500 Lumens
Video Resolution	1080P
Audio Recording	Yes (Built-in Microphone)
Memory Card	Built-in 16GB
Max Run Time (Light Only)	2 hours
Max Run Time (Camera Only)	2.5 hours
Weight	56 grams
Dimensions (Approx.)	70 mm (Length) x 35 mm (Height)
Laser Class	IIIa (<5mW)



Image 10.1: Dimensions and key specifications of the DEFENTAC DF-54.

11. Warranty and Support

DEFENTAC products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase documentation or visit the official DEFENTAC website. Please retain your proof of purchase for warranty claims.

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