

[Manuals.plus](#) /

> [Vivitar](#) /

> Vivitar DRC-188 Fly View Drone with Camera User Manual

## Vivitar DRC-188

# Vivitar DRC-188 Fly View Drone with Camera User Manual

Model: DRC-188

## INTRODUCTION

The Vivitar Fly View Drone with Camera is a lightweight camera drone designed for both beginners and experienced users. It offers a full range of motion, speed, and agility in a compact, portable design. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your DRC-188 drone.

## WHAT'S IN THE BOX

Verify that all components are present in the package:

- Vivitar DRC-188 Fly View Drone
- Remote Control
- Rechargeable Battery (3.7V Lithium Ion)
- USB Charger
- Integrated Camera

## PRODUCT OVERVIEW

Familiarize yourself with the main components of your Vivitar DRC-188 drone.



Figure 1: Front view of the Vivitar DRC-188 Fly View Drone, showcasing its compact design, propeller guards, and integrated camera module.



Figure 2: The Vivitar DRC-188 drone positioned on a wooden surface, illustrating its size and readiness for operation in an outdoor setting.

The drone features four propellers, protective guards, landing gear, and an integrated camera located on its underside. The remote control includes joysticks for movement and buttons for specific functions like one-touch takeoff/landing and flips.

## SETUP

---

### 1. Charging the Battery

Before first use, fully charge the drone's 3.7V lithium ion battery. Connect the provided USB charger to the battery and then to a USB power source (e.g., computer USB port, USB wall adapter). The charging process typically takes approximately two hours. An indicator light on the charger will show charging status (e.g., red for charging, green for fully charged).

### 2. Installing Batteries in the Remote Control

Insert the required batteries (not included) into the remote control. Refer to the battery compartment for correct polarity

(+/-) and battery type (e.g., AA batteries).

### 3. Pairing the Drone and Remote Control

Ensure both the drone and remote control are powered off. Place the drone on a flat, level surface. Power on the drone, then power on the remote control. Move the left joystick up and then down to pair the devices. The drone's lights will typically stop flashing and become solid once paired successfully.

## OPERATING INSTRUCTIONS

---

### 1. Pre-Flight Checklist

- Ensure drone battery is fully charged.
- Ensure remote control batteries are installed.
- Check propellers for any damage or obstructions.
- Choose an open area free from obstacles, people, and animals.
- Avoid flying in strong winds or adverse weather conditions.

### 2. Basic Flight Controls

- **One-Touch Takeoff/Landing:** Press the designated button on the remote control for automatic takeoff or landing.
- **Altitude Hold:** The drone is equipped with an altitude hold feature, allowing it to maintain a stable height automatically.
- **Headless Mode:** Activate headless mode to simplify flight control, where the drone's orientation is relative to the pilot, regardless of its actual front direction.
- **Throttle (Left Joystick Up/Down):** Controls the drone's altitude.
- **Yaw (Left Joystick Left/Right):** Rotates the drone left or right on its vertical axis.
- **Forward/Backward (Right Joystick Up/Down):** Moves the drone forward or backward.
- **Left/Right Sideways Flight (Right Joystick Left/Right):** Moves the drone left or right sideways.

### 3. Advanced Maneuvers

- **360-Degree Flips and Rolls:** The drone supports effortless flips and rolls. Consult your remote control's specific button for this function. Ensure sufficient altitude before attempting.

### 4. Camera Operation

The integrated HD camera allows for shooting photos and videos. Ensure a compatible SD card (not included) is inserted into the drone's camera slot for recording. Refer to the remote control's instructions for specific buttons to initiate photo capture or video recording.



Figure 3: The Vivitar DRC-188 drone in flight against a clear blue sky, demonstrating its aerial capabilities.

## MAINTENANCE

### 1. Battery Care

- Do not overcharge or over-discharge the battery.
- Store the battery in a cool, dry place when not in use.
- If the drone will not be used for an extended period, charge the battery to approximately 50% before storage.

### 2. Cleaning the Drone

Use a soft, dry cloth to clean the drone's body. Avoid using harsh chemicals or solvents. Gently remove any debris from the propellers and motors.

### 3. Propeller Inspection

Regularly inspect the propellers for any cracks, bends, or damage. Damaged propellers can affect flight stability and performance. Replace any damaged propellers immediately with genuine Vivitar replacement parts.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not respond to remote control.	Not paired; low battery in drone or remote; out of range.	Re-pair drone and remote; charge drone battery; replace remote batteries; ensure drone is within operating range.

Problem	Possible Cause	Solution
Drone flies erratically or drifts.	Uncalibrated gyroscope; damaged propeller; strong wind.	Perform gyroscope calibration (refer to remote control instructions); inspect and replace damaged propellers; fly in calm conditions.
Short flight time.	Battery not fully charged; aging battery.	Ensure battery is fully charged before each flight; consider replacing the battery if performance significantly degrades over time.
Camera not recording or taking photos.	No SD card; full SD card; incorrect operation.	Insert a compatible SD card; format or clear the SD card; refer to camera operation section for correct button presses.

## SPECIFICATIONS

Feature	Detail
Brand	Vivitar
Model Name	DRC 188
Special Feature	Lightweight, Rechargeable
Age Range (Description)	13 years and up
Color	Black
Video Capture Resolution	1080p
Connectivity Technology	Wi-Fi, USB
Included Components	Remote Control, Battery, Camera, USB Charger
Skill Level	Beginner, Professional
Video Capture Format	MP4
Control Type	Remote Control
Media Type	SD
Material	Plastic
Wireless Communication Technology	Wi-Fi
Battery Cell Composition	Lithium Ion
Are Batteries Included	Yes
Operating Temperature	40 Degrees Celsius
Supported Image Format	JPEG, PNG
Remote Control Included?	Yes

Feature	Detail
Optical Sensor Technology	CMOS
Rechargeable Battery Included	Yes
UPC	681066959626
Manufacturer	Sakar International, Inc.
Package Dimensions	18.9 x 15.8 x 3.3 inches
Item Weight	1.65 pounds
Item model number	DRC-188
Manufacturer recommended age	13 months and up

## WARRANTY AND SUPPORT

Vivitar is committed to providing high-quality products. While specific warranty details are not provided in this manual, if you encounter any issues or are unsatisfied with your Vivitar DRC-188 Fly View Drone, please contact Vivitar customer support for assistance. Keep your proof of purchase for any warranty claims.

For further assistance, please visit the official Vivitar website or contact their customer service department.