4DRC V20-AN-US

4DRC Mini Drone User Manual

Model: V20-AN-US

Brand: 4DRC

1. INTRODUCTION

Thank you for choosing the 4DRC Mini Drone. This manual provides essential information for the safe operation, setup, and maintenance of your drone. Please read it thoroughly before first use to ensure proper functionality and to maximize your flying experience. This drone is designed for both kids and adults, featuring a 1080P HD camera, foldable design, FPV live video, altitude hold, headless mode, one-key start, 3D flips, gravity control, and tap fly functions.

2. PRODUCT OVERVIEW

2.1. Components

- 4DRC Mini Drone
- Remote Controller
- 2 Modular Batteries
- Carrying Case
- USB Charging Cable
- Spare Propellers
- Propeller Guards

2.2. Key Features

- **1080P HD Camera:** Capture high-definition photos and videos.
- **Foldable Design:** Compact and portable for easy transport.
- **FPV Live Video:** Real-time video transmission to your smartphone.
- **Altitude Hold:** Maintains a stable height for easier control.
- **Headless Mode:** Simplifies flight orientation, no need to adjust drone position before flying.

- **One Key Start/Landing:** Simplifies take-off and landing procedures.
- **3D Flips:** Perform acrobatic maneuvers with a single button.
- **Gravity Control:** Control the drone by tilting your smartphone.
- **Tap Fly:** Draw a flight path on your screen, and the drone will follow it.
- **Voice Control:** Command the drone using simple voice commands.
- **Gesture Control:** Take photos or record videos with specific hand gestures.
- **3 Speed Modes:** Adjust flight speed for different skill levels.

2.3. Product Visuals

Image of the 4DRC Mini Drone kit, including the foldable drone, remote controller with phone mount, two modular batteries, and a transparent storage case.

Close-up image of the 4DRC Mini Drone with its remote controller and two modular batteries, highlighting the compact design.
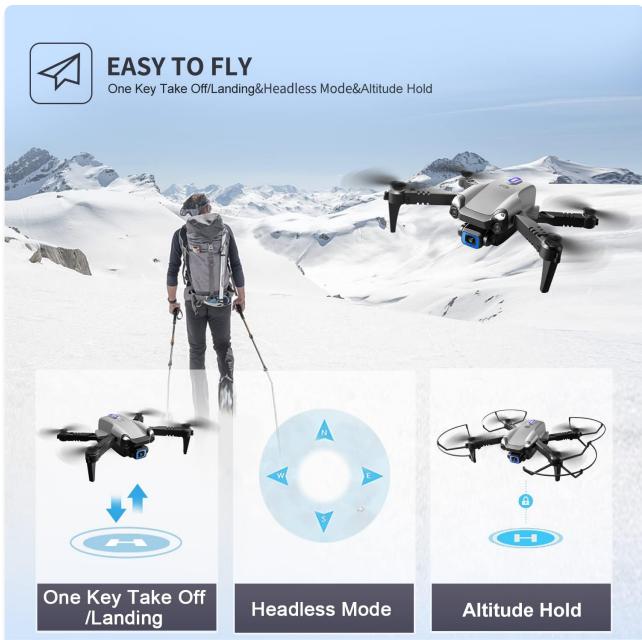
The 4DRC Mini Drone neatly stored within its transparent carrying case, demonstrating its portability.

3. SETUP

3.1. Battery Installation and Charging

- **Drone Battery:** Insert the modular battery into the drone until it clicks into place. Ensure it is fully charged using the provided USB charging cable before first flight. Charging time is approximately 30 minutes.
- **Remote Controller Batteries:** Install 3 AAA batteries (not included) into the remote controller, observing correct polarity.


Image showing the two modular batteries for the drone, indicating USB charging capability.

3.2. Propeller Guard Installation

For added safety, especially for beginners or indoor flight, attach the propeller guards to each motor arm. Align the guard with the designated slots and secure them firmly.
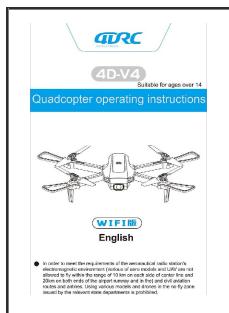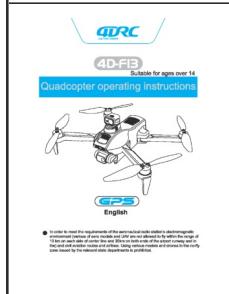
The 4DRC Mini Drone with propeller guards installed, enhancing safety during flight.

3.3. App Download and Connection

- Scan the QR code in the quick start guide or search for the official 4DRC app in your device's app store.
- Turn on the drone and your smartphone's Wi-Fi.
- Connect to the drone's Wi-Fi network (usually named

Related Documents - V20-AN-US

	4DRC 4D-V4 Quadcopter Operating Instructions and User Manual Comprehensive operating instructions for the 4DRC 4D-V4 Quadcopter, covering setup, pre-flight checks, remote control and app operation, flight modes, and safety guidelines.
	Mini Drone V8 User Manual - Operation and Features Comprehensive user manual for the 4DRC Mini Drone V8. Learn how to set up, fly, and control your drone using the remote and mobile app. Includes features, troubleshooting, and safety guidelines.
	4DRC 4D-F13 Quadcopter Operating Instructions Comprehensive operating instructions for the 4DRC 4D-F13 Quadcopter, covering setup, controls, app features, and safety guidelines for optimal flight experience.

[4DRC 4D-V22 WIFI Version Quadcopter Operating Instructions and User Manual](#)

This document provides comprehensive operating instructions, safety guidelines, and troubleshooting tips for the 4DRC 4D-V22 WIFI version quadcopter. Learn about aircraft setup, remote control functions, APP integration, flight modes, and more.

[4D-F10 Drone User Manual and Operation Guide](#)

Comprehensive user manual for the 4DRC 4D-F10 drone, covering setup, operation, safety guidelines, app integration, and troubleshooting. Includes detailed instructions for flight preparation, controller and app operation, and common issue resolution.

[4DRC 4D-FIO Quadcopter User Manual & Operating Instructions](#)

This user manual provides comprehensive operating instructions for the 4DRC 4D-FIO Quadcopter. Learn about setup, flight controls, app features, safety guidelines, and troubleshooting for this GPS-enabled drone, suitable for ages 14+.